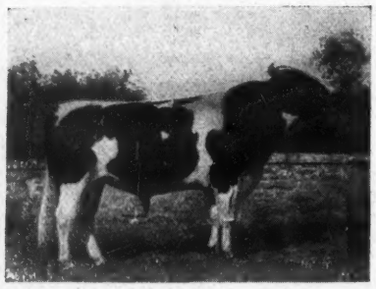
HOLSTEIN-FRIESIAN WORLD

EASTERN EDITION

VOL. XII. LACONA, N. Y., MARCH 13, 1915 NO. 11

I am King of the Black and Whites 83354



I have a 30 lb. dam, 30 lb grandam and 30 lb. great grandam.

My sire's dam has 30 lbs., and has produced a 30 lb daughter that has also produced a 30 lb. daughter.

My dam's sire's dam has a 30 lb. record and has produced a 30 lb. daughter and a 30 lb. granddaughter.

As you will see, I am bred in the lines that transmit from generation to generation.

In selecting your next herd sire, just consider these facts.

I will be pleased to send you my illustrated pedigree upon request.

A. A. HARTSHORN HOLSTEIN CO.

HAMILTON, N. Y.

NEW YORK STATE BUYERS

An interstate shipment of cattle for breeding purposes is still prohibited by Federal Quarantine, we will offer our young bulls at unusually attractive prices for immediate delivery in this state. We do this rather than hold them indefinitely for shipment outside the state.

We have several that are ready for service, also a few bull calves that vary from one month to ten months in age. They are bred in the strongest transmitting blood of the breed and are backed by uniformly high producers and good individuals.

Take advantage of the present restrictions on shipping and secure a bull that will be a continuous source of profit to you in the future.

HERE ARE A FEW SAMPLES:

King Quality Artis Korndyke, born Nov. 10, 1913, a broad, straight, rugged bull, well built and light in color. His sire is King Quality whose four nearest dams average 32 13 lbs. of butter in seven days. His dam, Ruth De Kol Buttercup 2d Doris has records of 20.77 lbs. of butter and 487.3 lbs. of milk in seven days. Her dam is by a good son of De Kol 2d's Butter Boy 3d, and her sire by a ¾ brother of Pontiac Korndyke.

King Quality Wayne Walker, born Dec. 7, 1913. A first class individual, long and deep bodied and evenly marked in color. His eight nearest dams average 27.4 lbs. of butter and 564 lbs. of milk in seven days. He is sired by King Quality whose ¾ sister made over 30 lbs of butter in seven days and over 2900 lbs of milk in thirty days. The dam of this calf is a 16 lb. daughter of Admiral Walker Pietertje. She will freshen in a few weeks and can make a large increase in her present record.

King Quality Hengerveld, born March 20, 1914. Here is one of the nicest individuals one could wish for, straight as a line, long bodied, more than one-half white, and a fine handler. Sire, King Quality, who already has forty daughters in our herd. Dam, Jennie Littia De Kol Aaggie; a 28.65-lb. granddaughter of Pietertje Hengerveld's Count De Kol. This calf is bred in the greatest milk producing strain of the breed.

Write for tabulated pedigrees and prices. or better come and see what we have to offer. We will pay your car fare if you do not agree with many others who have seen them, that the sons and daughters of King Quality are as promising and fine a lot of the get of one sire as you have ever seen.

BONALEVO FARMS

R. E. CHAPIN & SON BOX C BATAVIA, N. Y.

THIS IS

Kearsarge Pontiac Butter Boy

Individually just as good as his breeding, which is unsurpassed

THIS photo, owing to the position, fails to show his real length of body, which is remarkable. It will, however, serve to correct any possible misapprehension as to his individual characteristics.

Owing to the recent developments in the foot-and-mouth disease situation in New York State, we will not consider letting him go out of our herd, as announced two weeks ago; nor for the present will we allow any more outside cows to be sent to our herd. However, we know we have "the goods", and when conditions have been righted we shall be pleased to offer the services of Kearsarge Pontiac Butter Boy for approved cows at $100.00 to insure.

HASTINGS & PRESCOTT

LACONA, N. Y.

YOUR SUCCESS As a Breeder

DEPENDS ON YOUR HERD SIRE

In making this important selection you should consider—

1—**QUALITY**—real quality—**every line a good one**—anything else will prove more or less disappointing.

This should cover both individuality and the ability to produce and reproduce.

Insist on all these characteristics.

2.—**PRICE**—most of us have to give this point serious consideration—although if we are getting our money's worth—the more we pay, the greater will be our returns.

WE SUBMIT this offering for your consideration— a bull born Dec. 14, 1913—a splendid individual, ready for service right now.

Sire—Lewis Prilly Rouble Hartog 2d 63776.
Dam—Meadowbrook Prilly Daisy 144304, **a 30-lb. 3-yr.-old** daughter of Sir Prilly Walker. 2d dam, a 20-lb. cow; 3d dam, a 20-lb. daughter of Johanna Rue 3d's Lad.

See our ad. Feb. 13 and 20 concerning Lewis Prilly Rouble Hartog 2d and Sir Prilly Walker.
This is one of the best prospects for a successful herd sire we know of. He is priced very reasonably, for delivery after the quarantine is lifted.

Meadow Brook Farms, Blairstown, N. J.

JOHN C. SHARPE, Prop. **R. L. WILLIAMS, Supt.**

King Segis Pontiac Chicago

The bull whose purchase in the June, 1914 Sale for $20,000.00 was the sensation of the year.

His Sire: King Segis Pontiac, who has more sons at the head of good herds than any other sire.

His Dam: Johanna De Kol Van Beers, who produced not only 40 lb. of butter in seven days, but under Official Test produced nearly 10,500 lb. milk and over 540 lb. of butter in 120 consecutive days Official Test, thus producing an average in seventeen consecutive weeks of nearly 32 lb. of butter per week.

His Sire's Dam: Pontiac Clothilde De Kol 2d is not only distinguished for having made three records over 30 lb., but in Official Test produced over 37 lb. of butter in seven days, followed by a year's record of over 25,000 lb. of milk, testing over 4%, making more than 1,000 lb. of butter fat, when she again freshened and produced over 32 lb. butter in seven days.

His Sire's Sire: King Segis, lived only six years, but was the sire of eighty-three A. R. O. daughters, seven over 30 lb. and fifty-eight proven sons.

His Dam's Sire: Sir Johanna De Kol, was a brother to Colantha 4th's Johanna, and his dam's dam, Netta Netherland Van Beers, was the first cow Officially Tested in the State of Wisconsin which was many years ago, and at the age of twelve years produced over 18 lb., easily the equivalent of 30 lb. to-day.

King Segis Pontiac Chicago, born February 5th, 1914, has extraordinary development and possesses great individual merit.

The Bull of Outstanding Lineage **Outstanding Individuality**
Outstanding Promise

OWNED BY

H. Stillson Hart, Geo. E. Van Hagen, Spencer Otis, Jr.
BARRINGTON, ILL.

New York, Wisconsin and Illinois State Fairs

Iowa Dairy Cattle Congress

National Dairy Show

A Sweeping Record for 1914 at the World's Greatest Holstein Shows.

Out of 18 **Grand Championships** in the seasons of 1913-14 we win 17. Our **Exhibitors Herd** and **Dairy Herd** were never beaten. In fact we were winners in every class we entered. The verdict is they must be **WORLD BEATERS.**

King Segis Pontiac and Johanna McKinley Segis

head our herds and it's time you were looking for a future herd sire bred from the most

Fashionable Breeding, Largest Records, Best Individuals

Sons of the above sires from

A 29.71 lb. daughter of Korndyke Queen De Kol Prince.
A 25.72 " " De Kol 2d Butter Boy 3d.
A 25.61 " " Paul Beets De Kol.
A 25.39 " " Woodcrest Hengerveld De Kol at 4 yr.
A 25.49 " " Sir Lilith Posch at 4 yr.
A 24.17 " " Hengerveld De Kol at 4 yr.

Several others from good record dams of the very best breeding.

For pedigrees, descriptions and prices write us what you want

R. E. HAEGER, Algonquin, Ill.

Ready for service

A son of King of the Pontiacs
Dam a 24-lb. 3-yr.-old daughter of King Segis Pontiac.

Two sons of Oakland Paul Beets Burke
Dam of one a 24-lb. 3-yr. daughter of Hengerveld De Kol. Dam of one is Aconeth Lady, the Grand Championship winner.

Son of Woodcrest Hengerveld De Kol.
Dam a 26.6 lb 3-yr. daughter of Paul Calamo Korndyke, the World's Greatest Winner
This calf was 1st at New York State Fair.

HILLDALE STOCK FARM

HERD SIRE

KING SEGIS BEETS 48702

whose 35 A. R. O. daughters include:

Hilldale Rosa Segis	4 yr.	31.52	Loretta Wayne D. K. 3d	3 yr.	28.01
Hilldale Mercedes Segis	3½ yr.	30.73	Hilldale Sadie Segis	5 yr.	26.12
Hilldale Gem Segis	4½ yr.	28.60	Hilldale Segis De Kol 2d	4 yr.	25.26

13 others above 20 lb., including 6 2-yr.-olds.

Has more high record daughters than any other son of King Segis.
His offspring are all of the same type and they look good to us.
We have a few of his sons ranging in age from young calves up to serviceable age. Their dams have good records, and the prices are made to sell them at once.
We have also a few grandsons of Pontiac Korndyke, from daughters of King Segis Beets, and other good record cows.

Write for pedigrees and photographs. They will help you to solve the bull problem.

J. A. STANTON & SON

New Woodstock, N. Y.

LORENZO FARM

Herd sire—Lorenzo Pontiac Korndyke

THE 31-LB. SON OF THE GREATEST SIRE

Carrying 75% of the blood of PONTIAC KORNDYKE

His dam is Pontiac Queen Korndyke, a 31-lb. daughter of Pontiac Korndyke.
His grandam, a 25.7-lb. cow, has demonstrated her wonderful transmitting power.
Lorenzo Pontiac Korndyke is going to be given an opportunity to show his worth in our select herd.

Chas. S. Fairchild, Prop., Cazenovia, N. Y.

N. B. We can offer a few young sons of Lorenzo Pontiac Korndyke, from good record dams.

SHARPEN YOUR HORSE'S SHOES without blacksmithing by means of our emery wheel attachment for Stewart Clipping Machine.

Attaches in place of clipper-head at the end of flexible shaft.
Serves a hundred important uses on the farm. Price $3.00 complete.

UTILITY EMERY WHEEL CO., Lacona, N. Y.

Woodmont Farms

Offer a Bull Calf born Nov. 8, 1914.
Sire—SPRING FARM BUTTER BOY, whose dam, Tweedie De Kol Lass (34.39, average per cent fat 5.10), is also dam of the only 44-lb. cow, Tweede De Kol Lass and her daughter, K. P. Pontiac Lass, hold the World's records for mother and daughter in both the 7- and 30-day divisions.
Dam: MARGILL MINNIE GEORGIANA, butter 2 yrs., 13 days, 15.31. Her sire was a direct descendant of Prilly, "Queen of the Breed." Her dam, Margill Minnie, 23.54. A beautiful individual and a good 30-lb. prospect.
A splendid individual, straight and well grown. In color, black with white points. Dam and sire's dam average 24.85.
Pedigree on application. PRICE $125.

WOODMONT FARMS, MORRISVILLE, N. Y.

HEART'S DELIGHT FARM

SIR WALKER PONTIAC

A Splendid Opportunity to a get son of **King of the Pontiacs.**
Sire: **King of the Pontiacs.**
Dam: **Lucinda Walker Pietertje**
(19.47 lb. butter 7 days)
Born June 27th, 1911.
Will exchange this bull for good strong heifers of the best families.

W. H. MINER CHAZY NEW YORK

FOUR NEAREST DAMS AVERAGE 33.56 LB.

King Pontiac Rose

A bull calf born March 7, 1914, a very nice, large, thrifty youngster, very straight and long bodied, handsomely marked.
Sire—the $15,000 son of the only 44-lb. cow.
Dam—Queen Rose Paul 117941. She has a 7-day record of 23.25 lb., which is sure to be greatly increased in later tests. Her dam, Highlawn Rose Paul, has a record of 32.41 lb., and is the most economical producer in my herd.
6 direct generations of dams on the bottom of his pedigree average 25.73 lb.
This bull is sure to have a great future.

Address Quentin McAdam, Brothertown Farms, 23 South St., Utica, N. Y.

The Entire Craftsman Herd

Owner, Mr. Gustave Stickley, Morris Plains, N. J.

CONSISTING OF ABOUT 50 HEAD

Selected with the greatest care and at long prices, has been placed in our hands

FOR PRIVATE SALE

It includes a son of **The King of Butter Kings,**
Sire of dam Pietje 22d's Woodcrest Lad.
Woodcrest Rachel 116448
19.82 lbs. butter, 851.87 butter, 19,443.6 milk, both made at the age of
2 years, 2 months, 28 days
and three of her daughters, one sired by
Pietje 22d's Son and two by **The King of Butter Kings 6th**
also daughters of

King Segis Hengerveld. out of a daughter of **Admiral Walker;** 2 by **Homestead Girl De Kol Sarcastic Lad; Sir Hengerveld Homestead De Kol,** out of a 25 lb. daughter of **Johanna Rue 3d's Lad; Sir Pontiac King Segis,** out of a record daughter of **Lord Pietertje Netherland De Kol; Pietje 22d's Woodcrest Lad,** out of a record daughter of **Aaggie Cornucopia Johanna** and **King Segis Pontiac,** out of a daughter of **King of the Pontiacs.**

Also granddaughters of

The Milk and Butter King, Admiral Walker Pietertje; Pietje 22d's Woodcrest Lad, Earl Korndyke DeKol and De Kol Burke.

Many of them are capable of large records.
They are young and individually superior.
There are but two defective udders in the herd.

THEY ARE A SUPERB LOT

THIS HERD CAN ONLY BE PURCHASED THROUGH US

Any inquiries made to Mr. Stickley will be referred by him to us.

FASIG-TIPTON CO.

Live Stock Auctioneers

Madison Square Garden **New York City**

VALANCEY E. FULLER, Mgr. Cattle Department

Auction Sales of Live Stock at convenience of Breeders.

Our LeadingHerd Bull

With his dam and sire

Segis Pontiac De Kol Burke is our ideal of what a sire should be. Consider the following facts concerning him.

Individuality—He has been twice a first-prize winner at the California State Fair; his sire and dam have both been Grand champions at the same show, while his grandsire was twice a first-prizer winner at New York State Fair.

Transmitting Power—He closely combines the blood of De Kol Burke, Pontiac Korndyke, Hengerveld De Kol, King of the Pontiacs and King Segis—together the sires of forty 30-lb. daughters. His near relatives have produced a very large proportion of the greatest milk producers.

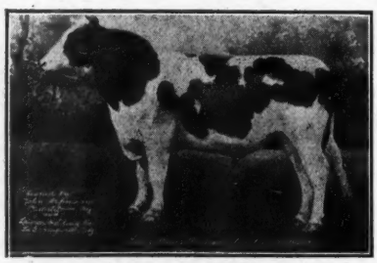
Producing Ability—His dam, Riverside Sadie De Kol Burke, is the greatest milk producer the dairy world has ever known, averaging 124 5 lb. milk per day for a month in official test and over 100 lb. per day for six months semi-officially. She has also outdistanced all competition for two consecutive years, with over 54,800 lb. On the sire's side, Pontiac Clothilde De Kol 2d, the first 37-lb. cow, and the first cow to produce over 1000 lb. of butter fat in a year.

His Opportunity—At 2 years old he now has twenty daughters in our herd, including a yearling from Tilly Alcartra, the only 30,000-lb. cow. 75 of our best cows (including Tilly Alcartra) are now in calf to him. Every daughter will be officially tested, and we expect to make him the greatest sire in the West.

Your Opportunity—A few young sons of Segis Pontiac De Kol Burke are available out of high record cows, several of which are 20,000-lb. half sisters to Aralia De Kol, the Champion 11 and 12-year-old. You will find our prices reasonable.

A. W. MORRIS & SONS CORP., Woodland, Cal.

THE COMING SIRE



KING SEGIS PONTIAC ALCARTRA 79602

A good start is a great help in any race. King was 4 years old November 16th, 1914. His first two daughters have just freshened, and each has produced over 21 lb. at 2 years. Over sixty young daughters in our herd. All our best cows in calf to him. Will serve more 30-lb. cows than any other sire this year. His sons head many of the greatest herds. Yes, King certainly is getting a good start, and he is bound to finish strong, for he is traveling faster with every lap. For this reason, NOW is the best time you will ever have to get onto the wagon with King, for there will not be enough places to go around.

We have only a few sons of King left, but they are the sort that will reserve a place for their owners Write for complete information, or better yet come and see them.

JOHN ARFMANN, Fairmont Farms, Middletown, N. Y.

Holstein-Friesian World

Vol. XII LACONA, N. Y., MARCH 13, 1915 No. 11

The Bonalevo Herd

By M. S. Prescott.

THE history of the Bonalevo Herd chronicles yet another instance of Jersey-Holstein competition, with the usual result—our dimunitive and delicate sisters coming out second best. Yes, Bonalevo was originally a Jersey farm, but it has now lived it down, so that few even suspect that Messrs. R. E. Chapin & Son at one time let their love of the beautiful warp their better judgment. Their aberration was, however, only temporary, for a single year was sufficient to convince them that they were on the wrong road. What they wanted was a practical dairy proposition in connection with the breeding end, and the Jerseys failed to fill the bill. It was decided that a larger, more vigorous cow was needed, with the capacity to consume large quantities of roughage, and naturally the Holstein was taken into consideration. Accordingly a trip was made to Syracuse to one of the consignment sales, and that furnished the final touch. The strong demand for Holsteins there evidenced, in striking contrast to their own experience with the Jerseys, coupled with their knowledge of Holstein characteristics, determined them to change their colors from fawn to black and white.

The first Holstein cow purchased, Oakland Beryl Burke, cost them $305. Her first calf was sold for $415.00; the cow herself later brought $400.00, and two of her younger daughters still remain in the herd. It was almost impossible to find a market for the Jerseys, and while some of them were still undisposed of an interesting object lesson occurred. The first Holstein calf born on the place weighed 125 lb. One of the Jerseys, freshening at the same time, gave birth to a normal, fully developed calf, weighing 35 lb.

Daughters of Admiral Walker Pietertje in Bonalevo Herd. The 7-day records of the six average 20.21 lb. butter, 419.6 lb. milk at 2 yr. 8 mo. 18 days.

In addition it was the experience here that the Holstein cow is much less affected with milk fever and other troubles. Altogether the Chapins have never had cause to regret the change of breeds, nor have we ever heard of an instance where such was the case, when the change was in this direction. Now that we have our favorite breed duly installed at Bonalevo, let us consider the sort of environment it is given.

As most of us know, Bonalevo Farms are located at Batavia, N. Y., (on the main line of the New York Central, between Buffalo and Rochester). They consist of some 415 acres about a half mile out of town, readily accessible by automobile almost any day in the year. The land is very level, free from stones, easily tillable, and fertile and productive. 1787 loads of farm manure were applied to it during 1913, and 2097 loads last year, which means that the soil is not exactly being robbed. Alfalfa grows very successfully. The balance of the meadow, comprising last summer 96 acres, averaged over 3+ tons per acre the first cutting. 86 acres (of corn), filled the three big concrete block silos holding 700 tons, also a stave silo of 200 tons capacity with large quantities of corn fodder left over. These, with more than 100 acres of rye and oats, show something of the scale on which the farming operations are conducted. Batavia is right in the fruit belt, and 25 acres of the farm are devoted to bearing orchards, with 5,000 young trees in addition. The fruit end, however, is a secondary consideration.

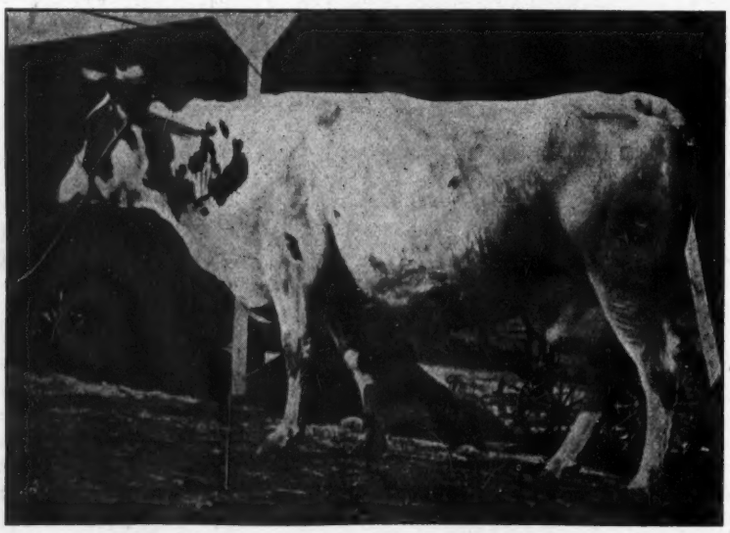
So much for the farm itself. The buildings are practically all new, and represent the best thought of skilled designers. They are not only good to look at but are conveniently arranged. In the main dairy barn the cows stand in four rows, the two middle rows facing each other, and the other two facing the walls. The floors are of concrete with a drop back of the

ADMIRAL WALKER PIETERTJE—The first sire in the Bonalevo Herd. Ranks with greatest of the breed.

cows instead of a gutter. The gas pipe stanchions and partitions were made by their own workmen in their shop but as the stalls were designed for Jerseys, they are now a little too narrow. In a new stable for heifers to freshen this winter, a different flooring idea has been put into practice, and that is the use of plank laid on stringers. This makes an inexpensive floor, and one that is proving satisfactory.

Feed and litter carriers save time and labor, while in the operation of the latter a further saving is made by dumping the manure on a platform, which when full can be dumped all at once directly into the spreaders. After the stables are cleaned an application of Floats (acid phosphate rock) is made in the drop. This not only sweetens the atmosphere, but holds the ammonia in the manure, thus adding considerably to its value as a fertilizer. The new hay barn, with a storage capacity for 400 tons, is equipped with a special device whereby an entire load of hay can be unloaded at a single operation. Thus there is practically no waiting, which means a saving of time for both men and teams.

KING WALKER HAMILTON—A son of King of the Black and Whites and Mary Walker Pietertje (31.81 lb.). The records of eight of his nearest dams (all 30-lb. cows) average 32.28 lb. Junior Herd Sire at Bonalevo.



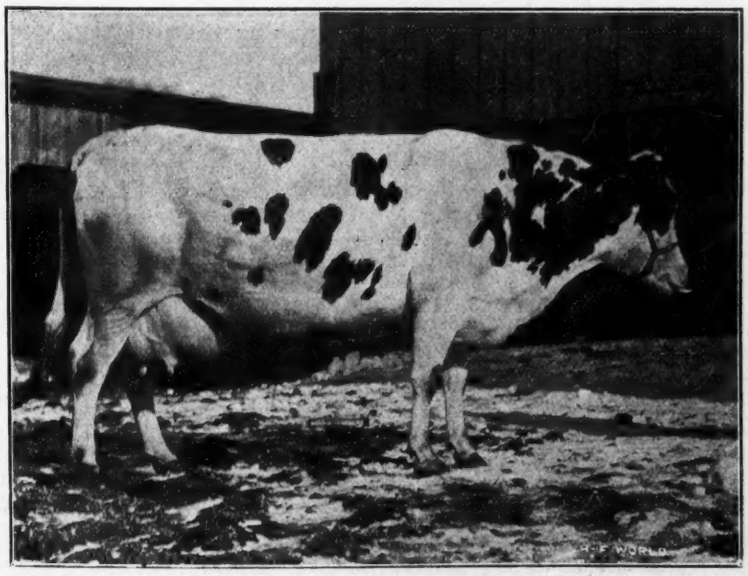
DUCHESS MANOR BEETS AAGGIE DE KOL 2d 121391—Butter 3 yr 6 mo., 22.37 lb.; milk, 556.90 lb.;butter 30 days, 87.30 lb.; butter 1 year, 641.97 lb.; milk, 15952.70 lb. One of the good daughters of King Walker. Owned and developed in Bonalevo Herd.

A 20 H. P. electric motor, driven by Niagara Power (which also lights the farm buildings throughout) is used in filling silos, threshing the grain, grinding feed, and crushing stone for use in concrete work, for Bonalevo is still in process of construction. It is also used for pumping all the water used, separating cream, sawing wood, and operating the drainage pumps, which have a capacity of over 4000 gallons of water per minute. In the main dairy barn, conveniently located with respect to the milking cows, is the milk room, where an accurate record is kept of the individual production of each member of the herd. Here too is the separator which supplies a profitable cream trade in town and at the same time furnishes skim milk for the growing youngsters of the herd; also the pasteurizer, which destroys any lurking germs which may happen to be in the milk. In fact every precaution is taken to insure the health of the herd both present and future. The system used with the latter will be mentioned again in more detail.

Great care is exercised in the dairy and farming accounting. The Superintendent sends a daily report to the office, showing just what each man has been doing, how the teams have been employed and how long, transfers of feed from the store house to the barns, the names of any cows bred, etc., etc., through all the various farm activities. As an illustration of the attention given to the smaller details, a study has been made of the efficiency of the farm horses, based on the total amount of time actually worked as compared with the total number of available hours. In 1912 the figures were 61.4 per cent and in 1913 65.9 per cent, the figures for 1914 not having been compiled at the time of my visit. The average for the state is about 33 per cent. On account of their greater

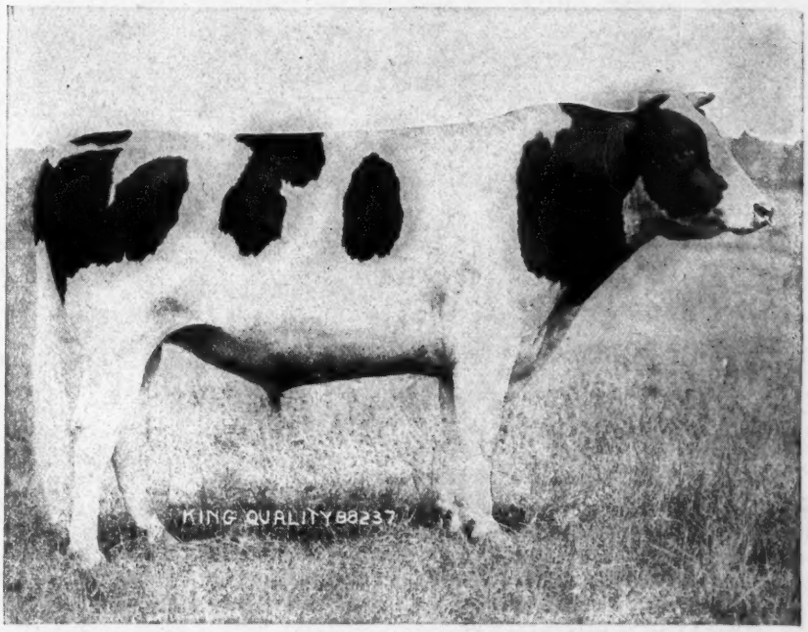
efficiency for heavy work, Registered Percherons are bred on the farm, the stallion being a particularly choice one. Fall colts are raised, which aids in cutting down horse expense. Then too, accurate estimates are made of all the feeds etc. that will be required during the year, and the whole amount is purchased at the most advantageous time thus getting the benefit of the very best prices.

From the beginning of their experience in the Holstein business, the Messrs. Chapin have recognized the importance of the herd sire, and the necessity for the best, if the highest success is to be attained. Accordingly, in laying the foundations for the herd, a careful investigation was made to locate just the right bull—one that had proven his merit as a sire of producers and individuals—that had already made a reputation. Admiral Walker Pietertje was finally decided upon as just what they were looking for, and to him goes the honor of first sire in the Bonalevo Herd. Here he stayed in service three years, or until his death in 1913. Thirty of his daughters now in the herd are living testimonials of his prepotency, being practically all of the same good type, and being without exception heavy and persistent producers. In fact eight of them have tested semi-officially in the herd, this number comprising a 6-yr.-old, a 4-yr-old, two 3-yr-olds and four 2-yr.-olds, and the average for the eight is 16,778.8 lb. milk, 734.81 lb. butter. One other daughter, tested outside this herd, has made a year's record, which brings the average for his entire list to 17,030.2 lb. milk, 745.21 lb. butter.



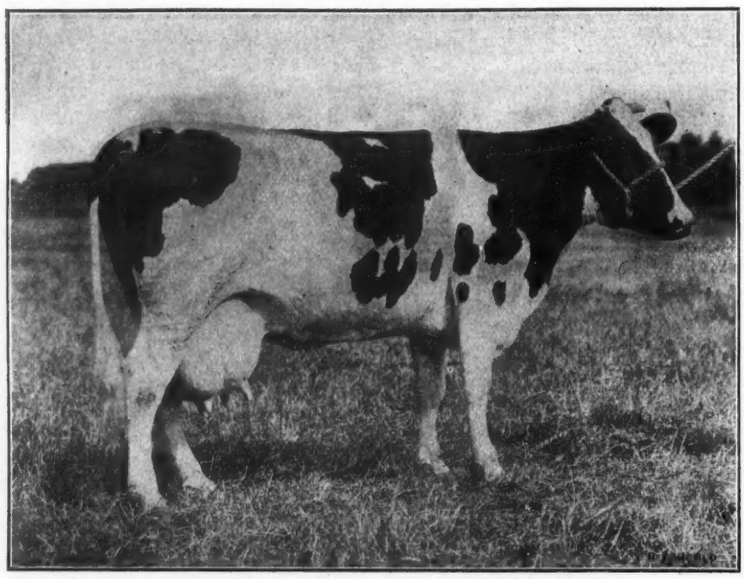
NEOMA HIJLAARD 63693—Butter 10 yr., 25.04; butter 30 days, 96.69; butter 1 year, 662.56; milk, 14736.90 Twice a first prize winner at Genesee Co. Fair. One 24-lb. 4-yr-old daughter that produced 777.16 lb. butter, 18,757.4 lb. milk in a year as a 3-yr-old. Owned and developed at Bonalevo.

During the last two years the daughters of Admiral Walker Pietertje in the Bonalevo Herd have won in the "8 months after calving" and semi-official yearly division—the test of persistency—$274 in prize money—an amount equalled by the daughters of but one other sire, and he with over double the number of daughters to draw from. At the present time Admiral has 54 A.R.O. daughters, incluing 32 with records of 20 to 32 lb., 8 being above 25 lb., and 3 having crossed the 30-lb. mark. The entire list averages 465.93 lb. milk, 21.44 lb butter in 7 days and as the daughters are young, these figures are constantly increasing. One of these comes in the exclusive class of cows with three 30-lb. records. Another of his daughters was the first 20-lb. junior 2-yr-old of the breed, while three of them have held World's Records. Admiral Walker Pietertje has likewise proven his transmitting power through his sons. Of these, King Walker, is recognized as one of the very best sires now living, having three World's Record daughters, while several other sons have made enviable reputations. Altogether he now has three 30-lb. granddaughters.



KING QUALITY—A son of King Colantha Clothilde and Addie De Kol Hartog (30.5 lb. at 4 yr.). The records of his four nearest dams average 32.12 lb. Senior Herd Sire at Bonalevo.

The thirty daughters of Admiral Walker Pietertje form a splendid nucleus for a herd. Among the other members are the 30-lb cows, Johanna Korndyke, a daughter of Sir Korndyke Manor De Kol, Melanie Queen Lass, a daughter of King of the Pontiacs, recently added to the herd, Netherland. Karoba Concordia, who produced 104 lb milk in a day, and Boness Burke De Kol. Likewise we noted the 29-lb, cow, Betta Hamilton, whose dam is a 28-lb. daughter of a 29-lb. cow; the grand old 28-lb cow, Jennie Littia De Kol Aaggie; the 26-lb. cow, Gertrude Abbekerk Johanna De Kol; Neoma Hijlaard, with a 25-lb. record, now twelve years old, but looking not more than half that age; her daughter, the 24-lb. 4-yr-old, Wayne Neoma Hijlaard, who is scheduled for a big record later in the year. She has a 3-yr-old record of 777.17 lbs. butter, 18754.4 lbs. milk, in a year, which is a further indication of her merit. Tennessee Pauline De Kol, a 24-lb. cow, with a year's record of 20,998.6 lb. milk, 824.73 lb. butter, and the 27-lb. 4-yr-old, Reba



JOHANNA KORNDYKE—At 4 yr. 8 mo., butter 7 days, 31.65; butter 30 days, 120.82; butter 3½ years, 27.48. The best daughter of Sir Korndyke Manor De Kol. Bred by W. A. Waite & Son, Adams, N. Y. Owned by R. E. Chapin & Son, Batavia, N. Y.

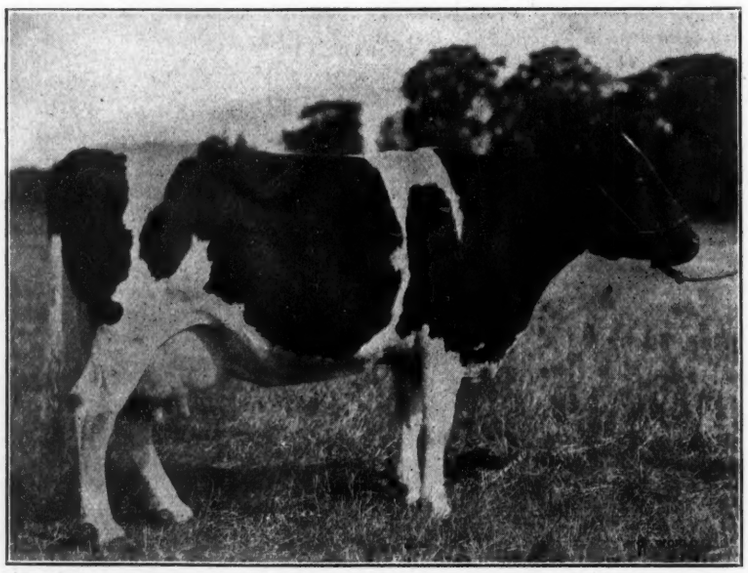
Wayne Veeman 2d, a daughter of Sir Korndyke Pontiac Artis, recently added to the herd at a long price. Duchess Manor Beets Aaggie De Kol 2d, a daughter of King Walker (and thus a granddaughter of the Admiral) is another young cow of show quality. She has won association prize money on several different occasions, and will win more if advance indications can be relied upon.

But we must not take the space for further individual mention, however well it is deserved, and will pass on to the herd sires.

The present senior sire, and successor to Admiral Walker Pietertje, is King Quality. He was by King Colantha Clothilde, a son of Colantha Johanna Lad and Abby Hartog Clothilde (31.39 lb.) The dam, Addie De Kol Hartog, a 30-lb. 4-yr.-old, is a daughter of Abby Hartog Clothilde, giving King Quality a double cross of the blood of this wonderful cow. His four nearest dams average 32.12 lb. butter 595.55 lb. milk, while his own dam is the only 30-lb. 4-yr-old having a 30-lb. 3-yr-old daughter and a 30-lb. dam.

King Quality, still only a 3-yr-old, weighs over a ton, and is good enough individually to win first prize at the Genessee County Fair in competitions of "big ring" calibre. Over forty of his daughters, many from daughters of Admiral Walker Pietertje, are now in the herd, and are as promising a lot as I have yet seen by one sire. A few of them are to freshen later in the season, but the majority are yearlings, and are being reared under conditions which in my judgment are ideal. For the first few months they had pasteurized whole milk and later skim milk. When old enough to dispense with the milk, they were removed from the calf barn, and placed in a shed with an enclosed yard. The barns are so placed as to furnish additional shelter, and here these heifers are spending the winter. Rugged, healthy and hearty, they seem to enjoy the cold weather, and are apparently growing just as fast as though reared under the usual hot house conditions. If all our good breeders could see these yearlings, I have no doubt that the system would have many new recruits, and the result would be greatly to the benefit of the breed. Just in passing I might say that these heifers did not run on pasture at all this summer as the proprietors hold to the theory that grass and milk do not make a good combination. The bulls are grown by the same system, and showed the good effects just as plainly. No particular effort is made to sell the bull calves when young, but they give them a good growth, and find a ready market when of serviceable age. These heifers will be bred to King Walker Hamilton, a son of King of the Black and Whites, and the famous 31-lb. cow, Mary Walker Pietertje. Here is a most extraordinary pedigree, with eight of the nearest dams averaging over 32 lb. Mary Walker Pietertje, a daughter of Admiral Walker Pietertje, is the only 31-lb. cow having a 31-lb. daughter and a 32-lb. dam. Her 31-lb daughter is the dam of King of the Black and Whites, bringing in this great breeding on both sides of the pedigree. King of the Black and Whites was by King Colantha Clothilde (the sire of King Quality) so that in the offspring of these heifers these desirable strains will be doubled up again. King Walker Hamilton is individually a model, being very blocky and with a splendid top line, and plenty of style. He is far better than his picture. At one year and eight months he weighed 1380 lb. His dam, Mary Walker Pietertje as we have remarked on numerous occasions, is one of the grandest individuals we have ever seen.

The third sire, Admiral Walker Pontiac, owned jointly by Messrs. Chapin and Mr. Hartshorn, is a son of King Segis Pontiac Alcartra, who needs no recommendation, and from Segis Walker Pietertje, a 27-lb. 3-yr-old daughter of King Segis and Ruby Walker Pietertje, one of the four 30-lb. cows whose dam and dam's dam are both above the 30-lb. mark.



BONESS BURKE DE KOL—Butter 7 days, 30.49; butter 30 days, 122.06. One of the good ones in the Bonalevo Herd.

Thus the three Bonalevo sires are each descended directly from one or more of the combinations of three direct generations of 30-lb. cows, and the results of breeding them on each other's daughters should produce something wonderful.

At the present time the herd numbers all told about 170 head. The normal size, however, is 200 and eventually it is designed to have this number composed entirely of animals of Bonalevo breeding, and all the females bred on the place are accordingly retained for development.

The characteristics that it is aimed to reproduce in the Bonalevo breeding operations are size, uniformity of type, and high milk production with a normal per cent. of fat. How far does this fall short of the ideal Holstein?

The Foot and Mouth Disease, Its Control in Massachusetts

By Fred Freeland Walker

Commissioner of Animal Industry, who stamped out the disease in November and December of 1914.

FOOT and mouth disease is most unique in character as compared with other diseases of domestic animals in this particular: it is contagious and infectious to such an alarming degree as to have caused both national and state authorities to be practically unanimous in their conviction that the most economic method of controlling the disease is by immediate slaughter of all animals either affected or exposed, the only exception being in favor of especially valuable thorough-bred animals which represent the result of years of development in breeding.

The measures to be adopted to prevent the spread of the infection must take into consideration the highly infectious nature of the disease, its ease of dissemination, and the liability of the virus to live in a dormant stage for long periods. Cats, dogs, rats, pigeons, etc. carry the infection from one place to another. Persons by simply walking on infected territory have carried the infection away on their feet. Because of this fact, and also taking into consideration the cost of curing the disease, it is deemed more expedient to kill all affected animals and those in contact with them, thoroughly disinfecting the premises, thus lessening the danger spots by one in a few days, where it would take months to do so if the exposed animals even were allowed to live. This is the opinion of eminent authorities, and it is borne out by past experience.

The present out-break first became noticeable in Michigan during August, but the first knowledge of it which came to the eastern authorities was through the newspapers in early October. The cause has not been determined absolutely, but in all probability it had its source in infected hides, as the disease was first discovered in herds owned by men who worked in a tannery handling imported hides.

On October 21st, the Department of Animal Industry was unofficially notified that foot-and-mouth disease was detected in a carload of hogs at Buffalo three weeks previous. A few days later it was ascertained that the premises there had been thoroughly disinfected and no more cases had been discovered. Notwithstanding, all animals unloaded at stock yards at Brighton in this state were immediately subjected to a close examination by both state and federal authorities.

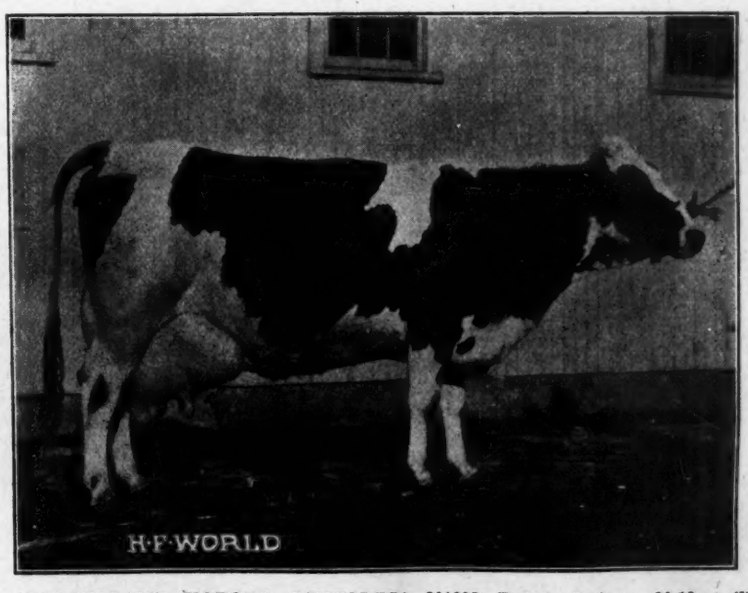
On November 5th, a suspicious case was reported at Amherst and the following day the diagnosis was confirmed by experts. On the same day the entire state was locked up in the strongest quarantine ever put upon it, the quarantine being placed by telephone and telegraph, followed by official letters the next day. Some cows in this herd at Amherst were traced to a shipment of cattle from Oneida, N. Y., to Brighton, landing there on October 28th. It may be well to note that neither before nor since that time has there been a single case of foot-and-mouth disease located in Oneida, nor within a hundred miles of it, so in all probability the infection in this case came by way of an infected car.

Acting in accordance with policies long since approved by all Health authorities who have successfully coped with outbreaks of contagious diseases of a malignant character in the human family, all red tape was unceremoniously cut. The attaches of the Department were instructed most decisively that the all-important features of the campaign were thoroughness and dispatch.

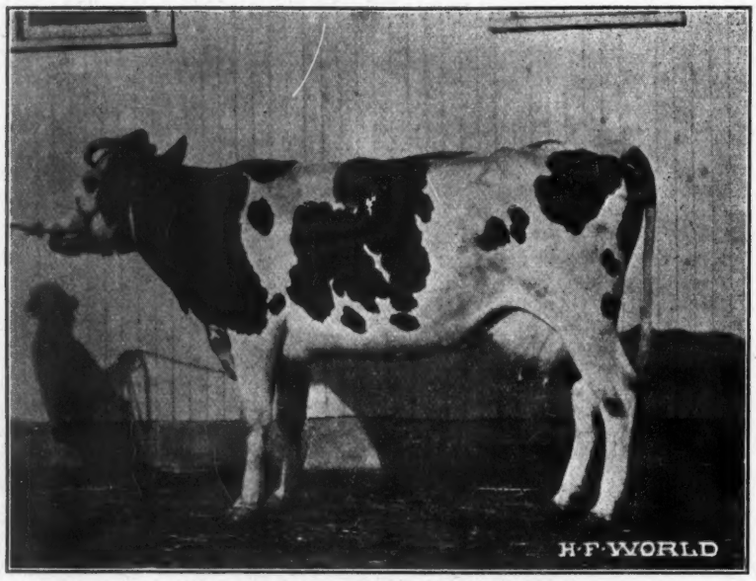
Fortunately the laws of Massachusetts, relative to the control of contagious diseases of animals, are clearly defined and comprehensive and adequate in scope. It, therefore, became possible to immediately place in active operation all the splendid resources which the thoroughly organized Department afforded.

Every available man on the force was equipped with a full rubber suit—hat, coat, gloves and boots—leaving only his face unprotected. Every animal that had come through Brighton on October 28th or November 4th was traced to its destination, and the whole herd carefully examined. This means that over 800 herds were inspected within a remarkably short time, and these herds kept under surveillance until the period of incubation had passed.

Each man had strict orders to thoroughly wash every particle of his rubber clothing with a strong disinfectant upon leaving the premises, and their



NETHERLAND KOROBA CONCORDIA 201088—Butter 7 days, 30.12; milk, 672.70; milk 1 day, 104.00. Owned by R. E. Chapin & Son, Batavia, N. Y.



MELANIE QUEEN LASS 94124—Butter 7 days, 30.11; milk, 508.40; butter 30 days, 115.71; milk, 2041.60. A daughter of King of the Pontiacs. Owned by R. E. Chapin & Son, Batavia, N. Y.

faithfulness in fulfilling this order is evinced by the fact that in not a single case was there reason to believe the infection was carried by agents of the Department.

On November 9th, a letter was received at the office of the Department from Washington, setting forth a plan whereby the State and Federal governments should share equally the expense of suppressing the disease. This plan was presented to the Governor and Council on November 11th and approved by them for adoption in Massachusetts on the same day. Consequently, two appraisers were appointed, Otis H. Forbush, of Acton, to act for the Federal authorities, and Myron T. Carrigan of Concord, to act for the State authorities, both of whom are known throughout the Eastern part of the nation as men of integrity and as expert judges of live stock. In all the work in this State, the United States' forces, under Dr. Henry E. Brown, and the agents of the Department of Animal Industry have worked hand in hand without the least friction.

On November 13th, the slaughtering of the animals began. This work was done under the direction of men who are experts along this line, and there has not been a single complaint as to the manner in which they carried on the work. The following was the method of procedure:

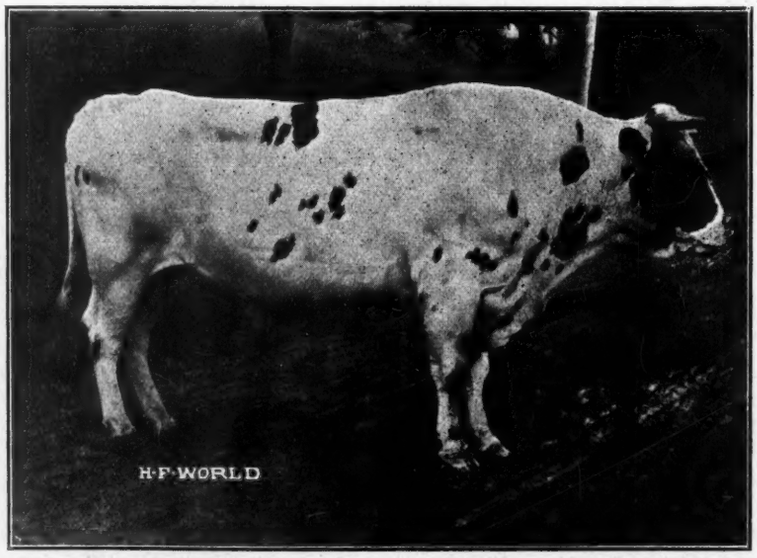
The animals were first appraised, then securely roped and led out to trenches previously dug, and humanely killed by being shot through the brain. The weapons used were Colt's 45 calibre revolvers, and in every instance death was instantaneous. The trenches were dug seven feet deep, six feet wide, and two to three running feet for each animal. In most cases the cattle were led into the trenches and dropped in the exact position desired, but in a few instances they were killed on the banks and rolled in afterwards. The swine were killed in their pens and carted to the holes. After all the animals were in the trench, the hides were slashed with a keen knife, the paunches ripped open, carcasses covered with quicklime, and the trenches refilled.

The disinfecting gangs, under the supervision of the U. S. Bureau of Animal Industry, followed closely on the killing squad and their work was most thorough. All unsound floors, mangers, etc., were torn out and burned; hay mows and bays were trimmed and raked off, and the hay destroyed; then floors, ceilings, walks and barnyards were sprayed with 3 per cent solution of cresole compound; and lastly the barns were fumigated with formaldehyde gas.

The fact that foot-and-mouth disease had spread over 18 states up to January first is a living example of its terribly infectious nature. In Massachusetts the disease was practically eradicated in 37 days. On the premises of one particular person in Rehoboth and vicinity there was a seat of infection probably without an equal in all the country, yet the disease was stopped practically where it began. This we know—that every outbreak must get its source from a previous outbreak, as the disease never originates in a herd.

In all, 53 herds, consisting of 1156 cattle, 3471 swine, 1690 poultry, 61 sheep and 4 goats, have been killed. The total appraised value of these animals and fowl is $119,841.00. The value of other property destroyed, because of this infection, is approximately $20,000.00, and the Departmental expense incident to the control and eradication was about $15,000.00 This would make a total cost to the Commonwealth (provided the Legislature appropriates funds from which to compensate owners for animals and property destroyed) of about $80,000.00.

Almost without exception, the entire veterinary profession of the State has lent its valuable aid to the work. Cattlemen and farmers throughout the State have shown a hearty spirit



LILITH PAULINE DE KOL'S SON No. 30412—Born Dec. 3, 1901. 12 A. R. O. daughters—Aaggie Cornucopia of Dutchland 30.00; Roxie Pauline, 28.03 5 others above 20 lb. 12 A. R. O. sons. 10 producing daughters. Grandsire of Lilith Piebe De Kol (29,599.4 lb. milk in a year, the second largest ever made). A son of Johanna Aaggie's Sarcastic Lad, and the former World's Champion, Lilith Pauline De Kol (26.24 lb). Owned by H. G. Lake and A. E. Robinson, Montrose, Pa.

of co-operation by keeping the strict quarantine, even though it was most inconvenient and costly to do so.

One of the most perplexing features live stock sanitary authorities have to contend with, in connection with the foot and mouth disease, is the fact that it may and does exist in a latent form in the system of an animal apparently in good health as far as the best experts can determine, while, as a matter of fact, the animal is an active carrier of the disease, and may cause the infection to be spread to innumerable herds. This condition resulted in the spread of the infection to 35 premises scattered over almost the entire area of Massachusetts before its presence here was suspected, even though all importations of live-stock from other States had been subjected to the most thorough ante-mortem examination by State and Federal authorities.

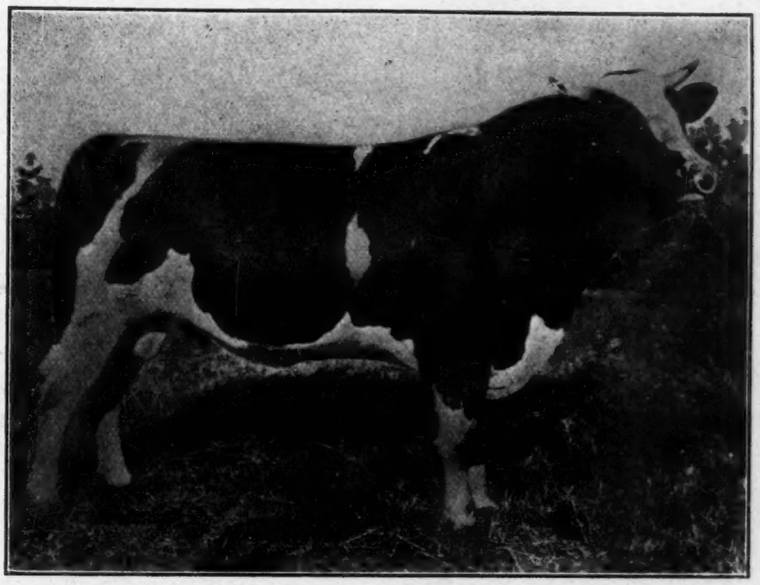
The disease was thereafter confined to the points of original outbreak, only 18 secondary cases developing, and they in the immediate vicinity of the original infection.

Subsequent developments have shown that the disease in Massachusetts was eradicated in 1914. With the exception of the 18 secondary outbreaks, hereinbefore referred to, no new cases developed in the State until January 29, 1915. This outbreak was far removed and in no way associated with the latter cases of the 1914 outbreak, only 4 of which developed subsequent to December 12, 1914, and those 4 all adjacent to that point in southeastern Massachusetts described in a preceding paragraph.

The result of the study of this disease and the effective methods by which the outbreak of 1914 was controlled establishes the unqualified conclusion that honesty, promptness and intelligent practical application of methods approved by the best scientific authorities, together with full co-operation on the part of the owners, by immediately reporting cases and in keeping a strict quarantine until such time as the infected or exposed animals are slaughtered, buried, and the quarters disinfected, are the best policies to adopt from an economic standpoint.

It was by the application of these principles that the outbreak of 1914 was stamped out in Massacusetts.

Fred Freeland Walker.



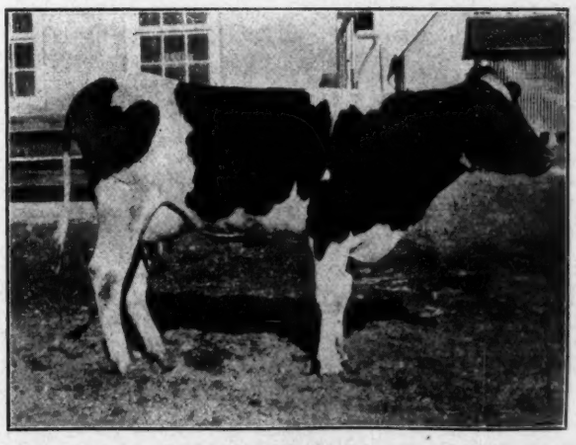
SIR BRACELET KORNDYKE HENGERVELD—A great show bull and senior herd sire in the Riverview Herd. A son of Sir Korndyke Hengerveld De Kol 11th, who carries a large percentage of the blood of Hengerveld De Kol, Pontiac Korndyke and Pontiac Butter Boy. His dam, Lady Bracelet De Kol (A. R. O. at 2 years, 26.08 lb. butter, 555.9 lb. milk), 1st prize winner wherever shown, including National Dairy Show, and Iowa Dairy Cattle Congress; 2d dam, Bracelet Baker of Hazelwood (31.67 lb.). To be sold in Riverview Farm Dispersion.

The Rise of Sir Beauty Mechthilde

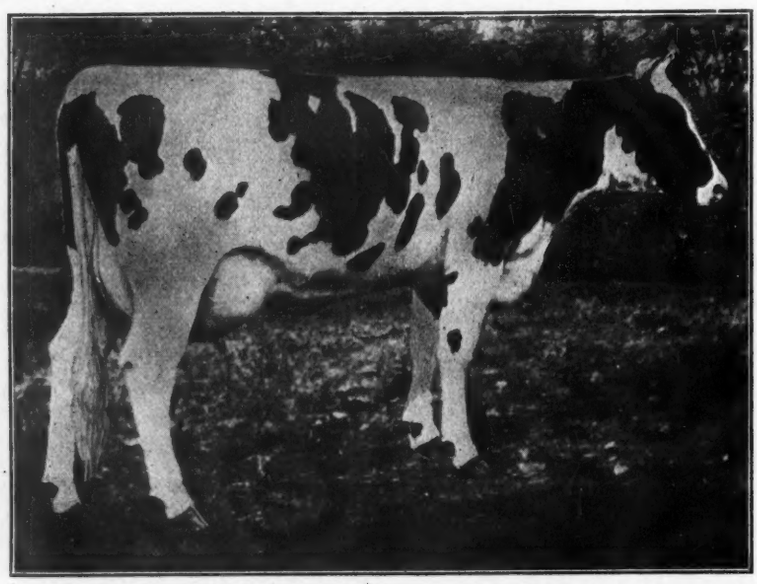
Novelette from Real Life
By Wm. A. Prescott.

IT happened one spring day, some ten years ago, that the owner of a certain small but thriving herd of Holsteins, left his farm and herd for a day or two in charge of his two small boys. His last instructions were, "Take good care of Beauty." For Beauty had anti-race suicide plans which were expected to culminate in about two weeks. So the two little boys were somewhat disturbed when they found the next morning that Beauty was lying with her hind quarters in the gutter and that no amount of switching, prodding or coaxing could induce her to rise. And when they did finally get her out of the gutter and on the barn floor, she only lay there with glassy and unseeing eyes and labored breath, caring not if she lived or died. Now one of the little boys has since become an associate editor of the Holstein-Friesian World, and the other has his name printed at the head of this article, but at that time they were only two frightened little boys confronted with a sick and maybe dying cow, that Dad had told them to take good care of. So as they knew not what to do, they decided to wait for Dad; he would know.

But by the time Mr. Prescott (that's Dad) got back, Beauty was lying with



AURAY CLORINDA PONTIAC No. 206526—The first daughter of King Segis Pontiac Clorinda to come in milk. She freshened at 1 yr. 11 mo. and without preparation made 16.20 lb. butter in 7 days and is now on 30-day test. Her dam is Segis Pontiac Kioka Pietertje 2d 161595, a daughter of King Pontiac Calypso and sister of King Pontiac Calypso Jane 31.78 lb. at 3 yr. She made in 1914 at 3 yr. 10 mo. 21.04 lb. butter in 7 days. Bred, owned and developed at Auray Farms, Sparta, N. J.



LADY BRACELET DE KOL—Butter 2 yr 10 mo., 26.08; milk, 555.90. A daughter of Bracelet Baker of Hazelwood (31.67 lb.). 1st prize 3-yr-old National Dairy Show 1912. To be sold in the Riverview Farm Dispersion.

her head on the floor, each breath a gasping wheeze of pain, and so she lay all night without moving.

The next morning Mr. Prescott knew that steps should be taken to save the calf. There was no time to summon a veterinarian, so with the aid of a neighbor, a chloroformed sponge, a bucket and a sharp knife, Mr. Prescott prepared to enact the role of stork.

It was a simple operation. The bucket containing the sponge was slipped over her nose, and Beauty drifted off into the twilight sleep. Then, one swift and accurate stroke of the knife, and our hero enters. It was perhaps the quickest birth on record. It was almost sleight of hand. You have a dying cow. One pass of the wand! Presto! A very much alive calf!

It was a bull, apparently fully developed, if anything a little over average size. He was handsomely marked and looked like a good one. He began to show signs of great activity almost immediately.

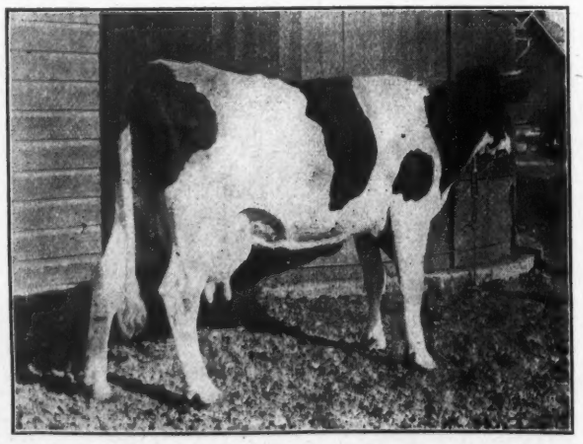
From the calf's point of view, that is really the only way to be born. It is so entirely effortless, no straining and pulling, and the time required is negligible. But it is a bit strenuous for the cow. But if cows will eat nails and get one stuck in the lining of their stomach, as Beauty did, what else could one expect? But to get back to our hero. The youngster soon developed an appetite and a fine baritone voice. He grew and thrived, had his color markings taken and was christened, and eventually sold to Henry Stevens & Son, who in turn sold him to someone else and he passed out of our lives.

Years passed by. As I have said, one of the little boys grew up to control the destinies of the World, a part of the Eastern edition anyway. And the other became an occasional contributor to the World and finally the author of this story. But, what became of the bull?

He was a bull of rather ordinary breeding. The sire was the kind of bull a farmer buys when he is working from grades into pure breds, which is what Mr. Prescott had just succeeded in doing at the time of this Caesarian birth. He was good individually and he had a tag in his ear to show that he was "blooded stock." His name was Floa 4th's Count and he had some unofficial and show ring records back of him that seemed impressive to a beginner.

The dam, Beauty, who died in giving him birth, was Joseph Mechthilde Beauty, with a small record, 15 lb. at 4 years, bred in Mechthilde lines. So all things considered, we never really expected to hear much about Sir Beauty Mechthilde, as our hero was named. But one day this winter, as I was studying the Blue Book, which I do a good share of the time, not only because it interests me but because it means bread and butter and an occasional suit of clothes to me, I ran across his name, and discovered to my surprise that he had some very good record daughters. The list follows: Dretka Netherland 2d Lass 4 yr. 29.37 lb. Nioma Pietertje 3d, 29.21 lb. Nioma Pietertje De Kol 4th, 3½ yr. 23.06 lb. Miss Nellie Dretka 4th. 21.05 lb. Nioma Pietertje Bell De Kol 2d 4½ yr. 18.09 Peggy Mechthilde Beauty 2½ yr. 12.91 lb. Not a very awe-inspiring list, you may say, but still a creditable one, and one which makes that stroke of the knife which brought Sir Beauty Mechthilde into the world seem decidedly worth while.

Just one thing more, and you can turn to the advertisements. After the Dollar Sale, as I was looking the catalog over, I again saw the name of Sir Beauty Mechthilde. Two of his daughters were in the sale, Dretka Netherland 2d Lass (29.37 lb at 4 yr.) was purchased by Mr. Oliver Cabana, for $800.00 and Nioma Pietertje 3d (29.21 lb) went to the Carnation Stock Farm for $520.00. Now go read the ads.



AURAY KATRINA SEGIS No. 131954—At 4 yr. 10 mo. 27.29 lb. butter from 516.30 lb. milk in 7 days and 111.33 lb. butter from 2263.2 lb. milk in 30 days. Dam of Auray Katrina Pontiac, 2 yr. 15.02 lb. butter in 7 days. She is one of several beautiful A. R. O. daughters of King Fayne Segis owned at Auray Farms and her dam is one of their choicest cows, Pontiac Harmonia 95980, the best daughter of Pontiac Burke, at 7 yr., 28.55 lb. butter from 624.30 lb. milk in 7 days and 118-.81 lb. butter from 25.44 lb. milk in 30 days. All developed and owned by Auray Farms, Sparta, N. J.

Please find two dollars inclosed for two years subscription to the H.-F. World in advance from Jan. 1915 as we would not be without it for five times the price. Yours for the Black and Whites. Matt. Smith, Goshen, N. Y.

Inclosed please find $1.00 subscription for H.-F. World. It is a great success. M .C. Johnston, Sidney, N. Y.

NEW RECORDS

As reported by the owners:

John Arfmann, Middletown, N. Y., reports: **Fairmont Pontiac Calamity,** 5 yr., 35.25 lb. A daughter of Pledge Spofford Calamity Paul, from a 26-lb. daughter of Hengerveld De Kol. She made 23 lb. as a junior 2-yr-old and 30 as a senior 3-yr-old.

Tiny Fairmont Hartog Pauline 7 yr., 32.50 lb. (Still in test). At 6 years she made 33.07 lb. in 7 days; 135.05 lb. in 30 days; and at 5 years, 32.16 lb. in 7 days, 126.89 lb. in 30 days. She is thus one of the three cows of the breed having three 7-day records above 32 lb.

A 4-yr-old daughter of the World's Record junior 4-yr-old, Fairmont Zerma Segis Pietje (35.61 lb.), has produced 27.5 lb. in 7 days.

H. D. Weller & Son, Lowville, N. Y., report: **Snowball Witra,** 3 yr., 30.95 lb. A granddaughter of De Kol 2d's Butter Boy 3d.

Daisy Pioneer Clyde 30.07 lb. The third 30-lb. daughter of Sir Clyde. Owned by H. R. Boomer, New Plymouth, Idaho.

Fidessa Bloom, 33.52 lb. State Champion of California. A daughter of Fidessa Butter Boy. Developed by M. W. Holdridge, Modesto, California., and recently sold by him to Carnation Stock Farm, Seattle, Wash.

E. C. Schroeder, Moorehead, Minn., reports the following year's records: **Queen Piebe Mercedes** 2 yr., 10 mo., 980.2 lb. Milk, 20825.2 lb. This is the World's Champion senior 2-yr-old for 7-day production, and ranks second for yearly work.

Riverview Fytje De Kol Ormsby 1070.75 lb. Milk, 26134.20 lb. The Minnesota State Record for both butter and milk.

Aaggie Wayne Peep (341 days) 925.10 lb. Milk, 20856.10 lb.

W. W. Blake Arkcoll for Emblagaard Dairy, Big Bay, Mich., reports: **Junior De Kol Dot** 32.43 lb. She is a daughter of Junior De Kol, who was by Paul De Kol Jr.

The Maplecrest Stock Farm Co., E. Claridon, Ohio, reports: 3 new 30-lb. daughters for Pontiac Aaggie Korndyke, as follows:

Maplecrest Pontiac Korndyke, 31.01 lb. Maplecrest Pontiac Banostine, 30.04 lb. Maplecrest Pontiac Aaggie Hartog, 30+ lb. Maplecrest Pontiac Banostine is a daughter of Banostine Belle De Kol, the champion yearly producer. Aaggie Hartog is from Burton Highlawn 2d's Hartog (30.14 lb.), who thus has two 30-lb. daughters (one of these with a 30-lb. daughter), and her dam likewise has two 30-lb. daughters. Pontiac Aaggie Korndyke now has 10 in the 30-lb. list, second only to his sire, Pontiac Korndyke, with 11.

Announcement of the Complete Dispersion of the Riverview Farm Herd, of Ferry, Wash.

This splendid herd, owned by A. C. Mills, has won wide recognition on account of the superior individual excellence of its members; and has been prominently represented at the leading fairs on the Coast where it has won the highest honors.

The Northwest, offering no new fields to conquor, decided the owners to seek new and larger fields for competition, and so they decided, in 1912, to place their magnificent show herd in competition with the offerings of the world, at the Chicago International Dairy Show. The result of this trip east, has not yet been forgotten, and proved beyond dispute, that their cattle stood in a class by themselves, for never was there stronger competition than in Chicago, in 1912; competing with the finest show herds of the East, including the herd of Robt. E. Haeger, Iowana Farms, Frank White, C. A. Nelson, R. B. Young, Derrer Bros., Geo. M. Carpenter, M. R. Evens, W. S. Dixon, Geneseo Herd.

To show the superiority of this herd it is only necessary to say that they won more than twice as many prizes as all of these other herds put together, or in other words, they practically swept the deck and the same sweeping victories were accomplished at Waterloo, Iowa and the Western fairs.

Mr. Mills has only recently returned to his home from the hospital in Spokane, where he has been confined for several weeks and on account of his ill health he has decided to sell this entire herd at public auction on April 15, State Fair grounds, North Yakima, Wash.

This will come as a surprise to the Holstein breeders and while it is to be greatly lamented to see such a magnificent herd broken up, yet we can pacify ourselves with the thought that other herds will have an opportunity, such as will not again be offered in many years to come; for this class of show stock is rarely offered for sale at any price, and right here I would like to say, that never in Holstein history have Eastern breeders visited their Western brothers on a purchasing trip, and it would seem to me to be a splendid time to reciprocate; and if for no other reason than to meet with the Westerner in a social way, I am sure they would lose nothing by this trip.

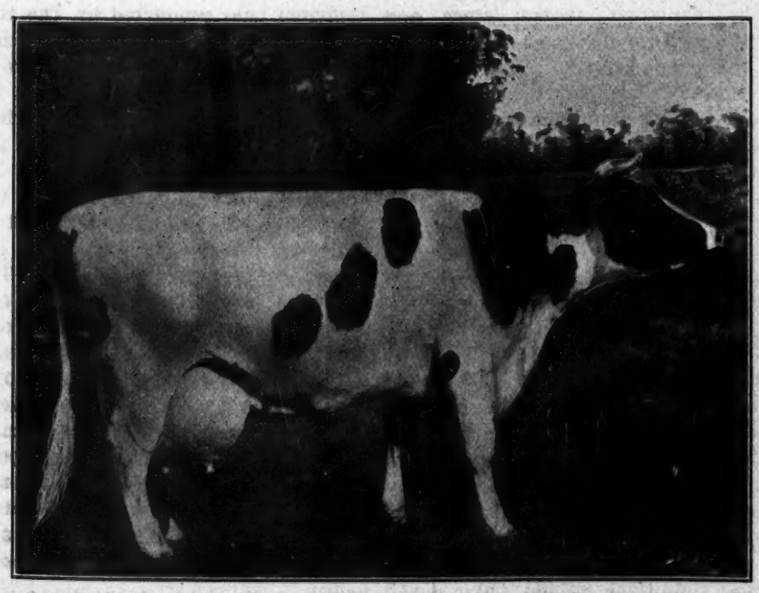
Seldom if ever has such a complete dispersion of so fine a herd been announced. The entire herd without reserve is being offered and to those who attend this sale I would say, place your ideals of fine Holsteins as high as you may, and you will not be disappointed in these splendid animals.

I have just returned from an inspection of this herd, and taken as a unit, they represent as fine as can be had.

In closing I would like to extend to all admirers of fine Holsteins, an invitation to meet with us on the State Fair grounds on April 15th.

Geo. A. Gue, Sale Mgr.

Announcement is made of the marriage of Seneca T. Jones, on March 4, to Miss Edna Lange of Lebanon, Wisconsin. Mr. and Mrs. Jones will reside on the S. B. Jones & Son homestead at Hustisford, Wisconsin, whose world-famous herd of Holsteins for many years has been under Seneca's efficient management. The World offers congratulations.



BRACELET BAKER OF HAZELWOOD—Butter, 31.67; milk, 640.30. Grand Champion Spokane Inter-State Fair 1912. 3 A. R. O. daughters, including the 26-lb. 2-yr-old, Lady Bracelet De Kol, who is to be sold in the Riverview Farm Dispersion.

HOLSTEIN-FRIESIAN WORLD

The only weekly Holstein-Friesian Journal.
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Approved cuts of meritorious Holstein-Friesian animals, when furnished, will be published free of charge.
If photographs are sent, cuts will be charged for at cost price.
All matter for publication in the Eastern Edition must be received by the Saturday preceding date of issue.
When so desired, advertising copy will be prepared or revised for our customers free of charge.

Acknowledgement

Through the courtesy of Sec'y W. A. Clemons, Secretary and Editor of the Holstein-Friesian Association of Canada, we are in receipt of Vol. 3 of the Year Book, listing all the Canadian Records of Merit and Record of Performance to Sept. 30, 1914.

Each cow with a record is listed under her sire and dam, 995 sires, and 1865 dams thus appearing in the Record of Merit, 343 sires, 483 dams in the Record of Performance, which corresponds to our semi-official division. Complete information is given in regard to the rules governing the making of milk and butter records, lists of 144 cows with records above 20 lb. of fat, revealing 21 cows with records of 24 to 30.83 lb. fat in 7 days. 59 cows have produced from 80 to 112.97 lb. of fat in 30 days. The six leaders in each class of all divisions are listed Altogether it is a complete compendium of what Canadian Holsteins have accomplished in the way of records. We thank Sec'y Clemons for sending us the book, and assure him it will be given good use in our reference library.

Notable Discoveries

Readers of the World will not deny to the Senior Editor of the Eastern Edition the pride of achievement resulting from two important discoveries. The first discovery was M. S. Prescott, now junior editor, and a Holstein authority of unapproached ability. The second discovery is William A. Prescott (elder brother of M. S.), whose occasional contributions to the World have already proven him to be a literary genius. In this issue we publish, from his pen, "The Rise of Sir Beauty Mechthilde," which well illustrates its author's gift of making interesting any topic he writes about. William A. Prescott, or "Bill," as we call him, is needed in this generation, since Mark Twain's pen is no longer employed. Arrangements have been made whereby, for some time to come, our readers will get the benefit of his point of view as presented in occasional articles in respect to various important Holstein matters. In addition, the series dealing with the leading families of the breed, to be written jointly by the two Prescott brothers, promises to be a work of unusual interest to all our readers. The first installment will appear in an early issue. We had intended to give it a place this time, but in order to illustrate it adequately are obliged to defer its publication until later.

Mr. Walker's Article

Mr. Fred Freeland Walker's article on the control of the foot-and-mouth disease in Massachusetts, which appears in this issue of the World, is timely, giving as it does the experience of a state cattle commissioner whose efforts for the suppression of the trouble were admittedly successful. At the beginning of the outbreak in Massachusetts, Commissioner Walker established a rigid quarantine throughout the state, even prohibiting the movement of livestock from one farm to another. This regulation ,though stern and drastic, was quickly successful, and in connection with the vigorous measures put forth under Mr. Walker's direction for the annihiliation of the disease soon brought the malady under complete control. If similar measures had been put into effect in all the states where infection was discovered, we might now be safely through the trying ordeal and able to carry on business unrestricted, as before.

It is to be regretted that so capable an official as Mr. Walker should be interrupted in his important labors for the public welfare, by a political change requesting him to step aside at a most critical time, to make room for a successor; but such are party policies. "To the victor belong the spoils." Therefore, it is not surprising that under relaxed quarantine regulations, conditions should have developed such as are described in the concluding paragraph of Mr. Walker's article.

Strict quarantine regulations will have to be enforced and co-operation between live stock owners and government authorities will be necessary for the ultimate control of the highly infectious disease that is now appearing simultaneously in so many places throughout the Eastern states.

It is to be hoped that in the near future some effective anti-toxin may be discovered that will enable every owner successfully to combat the disease. Then the foot-and-mouth trouble will lose its terrors and the dairy industry will be fraught with less risk than ever before.

Reorganization of Holstein-Friesian World Company.

The editorial forces of both editons of the World have recently been reorganized, with an important addition to each.

On March 1st, I. S. Brown, Junior Editor of the Western Edition, announced that his staff had been recruited by the addition of Harold Mathewson Brown, (weight nine pounds).

March 10th, M. S. Prescott, Junior Editor of the Eastern Edition, took into partnership William Theodore Prescott, (weight eight and one-half pounds). The two new additions to the company are both specialists in milk, and are bound to make themselves heard. The difference in weight is attributed to the inaccuracy of the Western editor's scales.

IN AND AROUND SYRACUSE

The March Sale—Foot and Mouth Disease in Onondaga County

The first day's business in the consignment sale conducted by The Holstein Sale Company in the Syracuse Sale Pavilion March 2 and 3, was very satisfactory. The attendance was excellent; bidding was more spirited than in the February sale, and the cattle sold for very fair prices. An optimistic feeling prevailed, and the day's sale was generally regarded as indicating an active renewal of the demand for registered Holsteins. The following morning The Syracuse Post-Standard contained news of an outbreak of the foot and mouth disease in the registered Holstein herd of some 110 animals owned by James Male, Solvay, a few miles west of Syracuse. In the face of this disturbing report, the second day's sale was hastened through with the greatest dispatch, being concluded in mid-afternoon, and by nightfall most of the animals sold had been shipped from Liverpool. Notwithstanding the unfavorable circum-

stances attending the second day's sale, the average price realized for the 120 head sold during the two days, was close to $300.00—a remarkably good showing under the conditions and one reflecting credit on the management. The next day revealed a case of the foot and mouth disease in the purebred Holstein herd of T. A. Pangborn, some miles out from Syracuse. The trouble appeared on four additional farms the day following, and by Saturday it was reported that cases had been found on eleven farms in Onondaga County, a number that was increased by two in Monday morning's reports.

Upon the first appearance of the disease, the state authorities took vigorous action to stamp it out and prevent its spreading. Immediate preparations were made for the slaughter of herds in which the trouble had appeared. The areas in which these herds were located were rigidly quarantined, and the quarantine has since been extended to embrace the whole county. The movement of cattle, sheep, goats or swine upon or across any public street or highway within this territory is absolutely prohibited, and an order has been issued restricting dogs and cats to the premises of their owners. Commissioner of Agriculture Calvin J. Huson, is quoted as saying:

"The situation is particularly serious here because it is the center of more high-priced herds than are found anywhere else in the state, if not the country. The owners appear willing and anxious to co-operate with us in every way possible, and I have been especially pleased at the way many of them have established voluntary quarantines merely to assist us in the work. I have never before seen such intelligent co-operation between the cattle owners and medical authorities.

"We find that this outbreak originated from a shipment of horses from the West. Now, in order to safeguard that end of things we are going to issue a state-wide order regulating the importation of horses."

Breeders located near infected districts, though not officially quarantined, will do well to exercise every precaution to guard against the introduction of the disease in their herds. In particular visitors should be debarred from their stables, and the movement of cattle to or from their premises should be prohibited so far as possible.

ANOTHER SALE OFF

A telegram just received from the Lawson Holding Co., La Grangeville, N. Y., announces that on account of the new outbreak of foot-and-mouth disease, they have declared off their sale scheduled for March 27th. Prospective purchasers will govern themselves accordingly.

Correspondence

A Query as to Records.

I have a bull whose dam at ten years made 31.60 lb. butter in a week A. R. O. and has two daughters, tested at five years of age, which have records of about 32½ lb. each. I am anxious to know if any other cow with that record has two daughters about 32½ lb. each. I am also interested in the get of a young bull which has 11 A. R. O. daughters, four of which have records over 30 lb. each. Can any other bull with an equal or greater number of daughters show as large a per cent of 30-lb. daughters?

I am one of those who believe the value of a sire does not depend on the number of his A. R. O. daughters, but on the average, and that the number of daughters with 30 lb. or more is not an indication of superiority, unless the per cent of daughters in that class is very high. I do not recall any bull 36 per cent of whose daughters are above 30 lb. excepting this one.

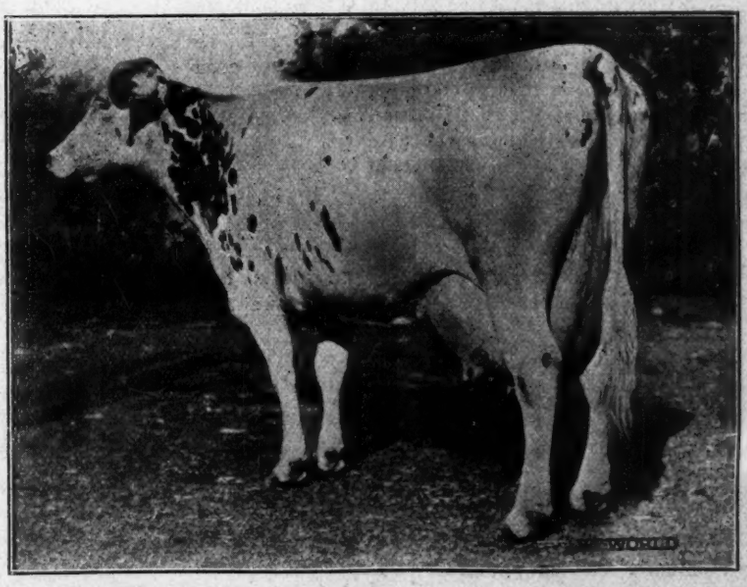
E. A. Powell.

Syracuse, N. Y., Feb. 25, 1915.

(In regard to the questions you ask, we know of but one cow which can pass the showing you mention and that is Spring Brook Bess Burke, 34.8 lb., who has one daughter that recently completed a record of 36.10 lb. and another with 33.15 lb. as a 3-yr-old, both daughters producing over 700 lb. of milk. The bull you mention with eleven A. R. O. daughters, four of which have records over 30 lbs., is in a class by himself in this respect as no other sire of four 30-lb. daughters has less than twenty-seven A. R. O. daughters to draw from.—M. S. P.)

Murne Cowan, the great Guernsey cow, now ranks as champion yearly butter producer of the world, taking the laurels from May Rilma with a margin of nearly 25 lb. of fat to spare, her figures standing at 1098.18 lb. fat (1372.73 lb. 80 per cent butter), 24,008 lb. milk—the latter being the first Guernsey milk record above 20,000 lb. It is claimed that she was bred August 1, and is safely in calf, which means that she was nearly seven months along in calf at the completion of her record. If this proves to be actually the case, this will be a marvelous performance, for her last month was better than her first, in fact was her second highest month, with over 120 lb. of 80 per cent butter. Frankly we shall be surprised if she proves to have gotten with calf by the service last August—not from any desire to withhold any credit that may be due her, but because her performance is so distinctly out of the ordinary, in the matter of relative monthly production.

The Jersey Breed has a new Champion 3-yr-old in Lass 66th of Hood Farm, with a production of 910 lb. butter fat, 17,800 lb. milk in a year. A good record, but of course not in the same class with our own, Finderne Holingen Fayne.



HAZELWOOD BRACELET DE KOL—Butter 4 yr., 25.32; milk, 580.80. First Prize 4-yr-old National 1912 and Grand Champion at Pacific-International 1912. To be sold in Riverview Dispersion.

White Scours

Save New Born Calves

Nearly every one of our customers began with a **Sample.** No matter what we say in trying to drive home to you the truth, there are no words or statements which can compare with a **CURE** itself to convince.

It pays us to give **one** sample of **CURA-BOS** to every stockman, because Cura-Bos will absolutely cure (and also prevent) dreaded white scours in new born calves. This is a positive fact, quickly proven by sending for a sample.

How Sample Works

Geo. O. Lucia, Supt. Maple Grove Farm, Green Bay, Wis. Guernsey cattle, says:

Calf would have died if I hadn't had sample. Send $1. bottle at once.

Adam Seitz, Spring City Stock Farm, Waukesha, Wis., Champion Ayrshires, writes:

Sample cured two calves, it's the best thing yet! Send one dollar bottle.

Every Brothers Homestead Farms, Bloomville, N. Y., Holstein-Friesians, writes:

Sample received some time ago just saved a nice thoroughbred calf. Had one taken about a week ago and used our old remedy but it died. When this one was taken we thought of your sample. Calf is as smart as a cricket tonight. Check enclosed for $2.00 bottle. It will save us hundreds of dollars worth of calves.

Because of its effectiveness and safety Cura-Bos may be positively depended upon.

One Liberal Trial Bottle
together with full particulars mailed to any reputable stockman for 10 cents in stamps

Two sizes $1. & $2. per bottle

TROY CHEMICAL CO.

78 Commerce Ave., Binghamton, N. Y.

Manufacturers also of Save-the-Horse Remedies. BOOK FREE.

Field Notes

Oliver Cabana, Jr., advises that he has secured the services of M. W. Blake Arkcoll, as manager of the Pine Grove Farm Holstein herd. For the past two years Mr. Arkcoll has been in charge of the Emblagaard Dairy at Big Bay, Mich., where his success has been so marked that the new situation came entirely unsolicited on his part. Under Mr. Arkcoll's direction Duchess Hengerveld Korndyke broke the World's Butter Record in the senior 3-yr-old class of the yearly division with 1129.23 lb. Lilith Piebe De Kol won second place for milk in the aged class with 29,599.4 lb., and Northern Fobes Denver took second place in the 7-day division of the senior 4-yr-class with 35.94 lb. These three sensational records were completed within sixty days of each other, and are the culmination of two years of achievement. We wish Mr. Arkcoll every success in his new position.

Colantha Butter Girl, a 2-yr-old owned by M. H. Haley, Springford, Ont., has just set a new mark for Canadian heifers with 25.4 lb. butter in 7 days, displacing Lady Waldorf Pietje (25.36 lb.). Her 30-day record of 104.07 lb. wins second place, being exceeded by Lady Waldorf Pietje with 104.95 lb. She is a daughter of Grace Fayne 2d Sir Colantha (he by Colantha Johanna Lad and from Grace Fayne 2d, 26.3 lb.), and the former Canadian Champion in the mature class, Queen Butter Baroness (33.17 lb.).

After scouring the country for choice bred Holsteins for his foundation herd, Mr. L. H. White, of Cogswell, N. D., decided upon a herd at the Homewood Farms and this last week purchased and shipped out of Benson, a car of cattle representing the largest sum ever paid for live stock in this section of the Northwest, says Swift County Review.

Mr. Smith, the Manager of Homewood Farms informs us that in this herd is included some of the choicest bred cows and heifers of the Holstein breed.

It is interesting to learn that the highest price paid for any individual in the lot was paid for a three weeks' old male calf whose dam is now under official test under the supervision of a representative of Minnesota University, and has just completed one seven day record, making a little over twenty-five pounds of butter. This is within about four pounds of the World's record for cows of her age and it goes without saying that those in charge

WANTED

30-lb. cows. A dozen or more Must be good individuals, at right prices.

John Arfmann, Middletown, N.Y

BULL CALVES FOR SALE

No. 1—Born Aug. 17, 1914, mostly white. Sire, a son of King of the Pontiacs. Dam, Beauty Paul Pietertje 18.25.

No. 2—Born Sept. 9, 1914, nicely marked. Sire, a son of King Pontiac Calypso, the best son of King of the Pontiacs. Dam, Queen of Fort Hill Clothilde 2d Lass 16.68. Prices reasonable.

E. A. Martin DeWitt, N. Y.

DUTCH CORNER

Offers bull calves sired by Segis Lyons No. 84592 whose 7 nearest dams have produced 7 30-lb. daughters and whose 2d dam and sire's 2d dam are two of the four 30-lb. 3-generation cows.

Price from $50 up according to record of dam.

John J. Walrath, East Springfield, N. Y.

FOR SALE

Our Junior Herd Sire

ELI SIR PONTIAC

His dam has an A. R. O. record of 24.60 and sire's dam 31.28. He is ¾ white and a show bull ready for service. The first check for $250 gets him.

Neal Housiet, Oxford, Wis.

THE STANLEY ENGRAVING CO.,
Designers
Photo-Engravers Zinc Etchers

Half tones, 3x4, at the low price of $1.50. Cuts that will run. Reference, this paper. Satisfaction guaranteed.

Library Bldg., Tioga St., Ithaca, N. Y.

PHELANDALE HERD

OFFERS bull born Feb. 16, 1914. Sire—Dutchland Colantha Sir Inka, whose dam and sire's dam average 33.05 lb. butter. His first seven daughters to be semi-officially tested for a year average 16.868 lb. milk and 718 lb. butter. Dam of calf is a 23-lb. daughter of Dan Patch Hark. Seven nearest dams of calf average over 25 lb. butter. This calf is a good individual, ¾ black. Price $125. James Phelan, Forestville, Chautauqua Co., N. Y.

Beets For Sale

We have about 400 bu. Detroit Red Beets for sale. Inquire

HEWITT & KENYON
Locke, N. Y.

FOR SALE OR EXCHANGE FOR HOLSTEIN HEIFERS

One yearling or one two-year-old Jack. Address

Geo. H. Greaves, Whitney Point, N. Y.

SIR PONTIAC VEEMAN HENGERVELD

Dam, Elsie Veeman Wayne (30.92 lb.), daughter of Sir Veeman Hengerveld. Average two nearest dams 31.3 lb. butter in seven days. Few young bulls for sale. Price right.

E. M. LOWMAN
Lowman, N. Y.

Up-to-Date
TYPEWRITTEN PEDIGREES

On best quality paper 9½x14 with diagram fifty and seventy-five cents each. Carbon copies ten cents each. Sale Catalogs $2.50 per page including cover. Give name and number of sire and dam of animals having numbers above 239854 in cows and 132639 in bulls.

For further information write
F. G. JOHNSTON
37 W. Lane Ave. Columbus, Ohio.

McHenry County Breeders

RIVER VALLEY STOCK FARM

Grandsons and granddaughters of King of the Pontiacs by herd bull, Sir Genie Pontiac, from A. R. O. dams.

These calves are beauties and priced right.

JOHN DEHMLOW, Algonquin, Ill.

FLORENTINE FARM

We have for sale a few choice heifer calves from A. R. O. dams.

J. H. TURNER

Hebron Illinois

PEEP-O-DAY STOCK FARM

A few fine, growthy calves sired by a grandson of King Segis and from dams of fine type and immense capacity.

H. C. LA BREC Harvard, Ill.

BLUE BOOK

Every Holstein Breeder Needs the Blue Book to Aid Him in Making His Breeding Operations Successful.

Have you subscribed for the 25th volume? You can not afford to be without it. All experienced breeders consider the book indispensable in tracing the breeding and relationship of A. R. O. animals. The 25th volume is now ready for distribution. I contains 1070 pages of condensed information relating to Holstein-Friesian cattle, including whole Advanced Register of last year. The official name of the book is Advanced Register Year Book, and the price is $2.00 per copy to all. Send all applications with price to

M. H. Gardner, Supt. A. R.
Delavan, Wis.

KEYSTONE FARMS

For the next 30 days will make low prices on sons of Prince Segis Korndyke Jr., son of a 30½-lb. daughter of Pietertje Hengerveld's Count De Kol; also on sons of Segis Hengerveld Beets Lyons, whose dam, Bloomingdale Hengerveld Edith, is the 32.45-lb. daughter of Hengerveld De Kol, whose photo appeared in the Jan. 9 edition of the H.-F. World.

C. A. Pratt, LeRaysville, Pa.

WE CAN SPARE 3 OR 4 YOUNG COWS

from 2 to 4 years old, granddaughters of King Segis, Paul Beets De Kol, De Kol Hengerveld Burke or Sir Clyde. Bred to a son of King of the Pontiacs.

FRANK BACKMAN
Weedsport, N. Y.

Holstein Advertising Buying or selling you may profit by our help in locating cattle or finding customers. A dozen years' experience enables us, with our up-to-date equipment to give you the first hand information not to be found elsewhere; and also to handle in the most acceptable manner, livestock advertising, pedigree and catalogue work, and the management of public sales. E. M. Hastings, Holstein Advertising, Lacona, N. Y.

Ready for Service Now

Albia Abbekerk DeKol No. 116537, sired by Briar Abbekerk De Kol whose dam and sire's dam average 29.73 lbs. in 7 days. Dam of this young sire is Bryonia Albia De Kol No. 91368. Evenly marked. Write

C. E. WARD Palmyra, Wis.

are making every effort to increase this yield so as to equal or better this World's record work, which by the way is held by another Minnesota cow.

The young son of this cow was sired by Dutchland Aaggie Tidy Prince the two-year-old bull of Homewood Farms that made such an enviable record for himself this last fall at the leading dairy cattle exhibitions including Minnesota State Fair, Dairy Cattle Congress at Waterloo, Ia., and the National Dairy Show at Chicago.

At the Chicago Dairy Show this last fall, $3,000.00 was offered for three calves sired by one of the Homewood sires, this instance is only another convincing proof that it pays to use a carefully selected sire and cross with cows of good producing qualities.

Being more or less familiar with the plans of Homewood Farms as a breeding establishment, we feel that Mr. White is to be congratulated upon securing foundation stock from this famous herd of Holsteins.

A new report from Supt. M. H. Gardner, received too late for publication in this issue, gives the records of 635 cows, covering the period from Jan. 16 to 30. 7 new 30-lb. cows with records up to 37 lb. are here reported and one other 30-lb. cow comes back a second time. More complete data will be given in a succeeding issue.

Harry Davis sends us the sad intelligence of his mother's death, which occurred on the afternoon of March 6. The Davis household for many years has consisted of the brother, sisters and mother. In this home the mother was the presiding genius. We remember her as a woman of ability and sunny temperament, interested in her children and a constant inspiration to the hardworking son in whose success as a breeder she was keenly interested.

Son of Spring Farm King Pontiac 6th

From a well bred 17-lb. cow that has two good record daughters, 3 months old and a splendid calf. Price $150. Others ready for service by such sires as Albina Butter Boy (a 29-lb. son of De Kol 2d's Butter Boy 3d), at very low prices.

Address: D. R. Hadley, Lacona, N. Y.

FOR SALE—A carload of Vermont Registered Holstein cows and heifers; cows are safe in calf to the Great Young sire, Sir Beets Korndyke No. 91212, a son of Pontiac Korndyke, and due to freshen in May and June, some have good A. R. O. records; will put in a few bred daughters of above bull, due in the fall. Two fine Yearling Bulls from A. R. O. dams, could go with this lot, all are born and bred at

ISLAND HOME STOCK FARM
W. B. Dodds & Son North Hero, Vt.

WAUSEONA HERD

Busy making A. R. O. records

Plenty of extra good stock for sale. Bulls and heifers with good A. R. O. breeding.

No foot and mouth disease in Fulton County.

BURR BROS.
Fulton County Wauseon, Ohio

Lacona Breeders

Henry Stevens & Son—ad. on back cover page.

Hastings & Prescott—full page ad.

HOMESTEAD HERD

Offers four fine, straight heifers, 14 to 18 mo. old, two bred to Albina Butter Boy, the famous 29-lb. son of De Kol 2d's Butter Boy 3d, also 2 bull calves three months old, at $25.00 each.

D. J. HOLLIS, Lacona, N. Y.

TO REDUCE HERD—Would sell 8 to 10 head at reasonable prices. Herd numbers 44 head including 7 daughters of Woodcrest Aaggie Jewel Son, with 4 3-yr-old daughters averaging 27.44 lb. Granddaughters of King of the Pontiacs and De Kol 2d's Butter Boy 3d. Practically all milking females have good A. R. O. records. Nearly all due next fall.

A. T. Blount, Pine Ridge Herd,
Lacona, N. Y.

Spring Farm King Pontiac 13th

Heads our herd. He was by the best son of King of the Pontiacs, and from one of the best daughters of the best son of Hengerveld De Kol. He has better than a 31-lb. average for his two nearest dams. We have two daughters of the $15,000 bull, and several cows in calf to him. Also some bred to Spring Farm King Pontiac 6th. 30 head to select from.

Colvin & Deshane, Richland, N. Y.

A PONTIAC-SEGIS COMBINATION

Sire, a 25-lb. son of the 31-lb. sire, King Pontiac Artis. Dam, a 19-lb. 4-yr-old, and a sure 25-lb. cow next time, was from a good record daughter of King Segis, and by Pietje Korndyke Lad, whose 3 nearest dams average nearly 25 lb. This refers to a bull calf born Oct. 16, 1914, a splendid individual, more white than black. A real bargain for some one.

J. D. HAGAN Mannsville, N. Y

WHEAT HILL HERD

Headed by
Pleasant Hill Pontiac Veeman Wayne
—a son of Sir Korndyke Pontiac Artis, from a 29-lb. 4-yr-old, one of the greatest daughters of Sir Veeman Hengerveld—2d dam a 25-lb. cow with two 30-lb. daughters. Inspection invited. It may profit us both.

W. J. Snyder, Lacona, N. Y.

PERSISTENCY

HERE YOU GET IT in a bull calf born Nov. 5, 1914. Sire, King Pontiac Artis Prilly, was by a son of King of the Pontiacs and the 1070-lb. daughter of Hengerveld DeKol. Dam, a 19-lb. 4-yr-old is giving more milk now than when she made her record, and has been bred two months. Dam's dam, a 25-lb. cow with a good semi-official record. Dam's grandam, former World's Champion 2-yr-old in yearly test. A beautiful, thrifty calf, more white than black. Price very low.

H. A. Prescott, Bellevue Herd, Lacona, N. Y.

LACONA HERD

50 head all ages. Herd headed by Sir Pontiac Artis Veeman, a son of Sir Korndyke Pontiac Artis, from a 31-lb. daughter of Sir Veeman Hengerveld.

A fine bunch of Johanna cows and heifers for sale.

B. E. MEAD, Lacona, N. Y.

WATER IN THE STABLE A NECESSITY...

THE "BUCKLEY" Device for watering stock is the leader. Why not use the best? Write to the manufacturers for a descriptive circular.

POUGHKEEPSIE FOUNDRY & MACHINE CO.
Poughkeepsie, N. Y.

HIGHLAND STOCK FARM
Offers For Sale
High Class

Grandsons of Pontiac Korndyke

No. 1—A splendid calf 2 mo. old from a 19.25-lb. 2-yr-old daughter of a 32-lb. bull. Evenly marked and a calf that is sure to increase in value.

No. 2—A 2-mo.-old son of a show cow who made 25.64 lb. butter, 507.5 lb. milk in 7 days, 106.08 lb. butter, 2,108.4 lb. milk in 30 days at the age of 4 yr., 18 days. This calf is evenly marked and a splendid individual at the right price.

Also several other well bred bull calves and yearlings from high testing A. R. O. dams of show quality. For breeding and prices address

H. D. WELLER & SON
Lowville, N. Y.

For More Milk and Butter use

"Schumacher Feed"

The Quaker Oats Co.
Chicago, Ill.

HERE THEY ARE
Three Bulls For Sale

One born June 10, 1913. Price $150
One born Dec. 18, 1913. Price $125
One born Feb. 22, 1914. Price $100

Well grown and nicely marked, about equal black and white. All crated F.O.B. this place. MAPLE FARM
Middleville, Herkimer Co., N. Y.

20.55 LB. BUTTER. 4.45% FAT.

This is the 4-yr-old record of the dam of the bull calf we are offering. The sire, a son of a 25-lb. cow, is a grandson of Paul Beets De Kol and Korndyke Queen De Kol's Prince.

Calf was born Nov. 18, 1913, is ¾ white, and a very nice, straight, well grown individual.

For further particulars address
GEORGE T. McNEIL Theresa, N. Y.

Alfalfa Hay

FOR A. R. O. TESTS

PIONEER FARMS

E. K. Munro Camillus, N. Y.

Attention How would you like a bull calf, at a reasonable price, sired by the great young bull, King Pontiac Segis Lyons No. 109925, from A. R. O. daughters of Pietertje Hengerveld Segis and Maple Ridge King Pontiac. King Pontiac Segis Lyons is a half brother to the $50,000 bull, and his dam is a double granddaughter of old Blanche Lyons, the only cow in the world with three 30-lb. daughters. Send for his pedigree.

C. H. Fitch & Sons, Burlington Flats, N.Y.

Be Up-To-Date Keep all the papers belonging to each of your animals in Truckell

CATTLE-PAPER ENVELOPES

$1.00 per hundred; 25 for a quarter, postpaid. Once used, always used.

G. H. Truckell, Liverpool, N. Y.

STRICKLAND FARM OFFERS

Two well bred bulls for sale, born in November, 1914. One from 25-lb. 3-yr-old; one from 23-lb. 2-yr-old. Prices right.

S. M. STRICKLAND Carthage, N. Y.

SIR WALTER RALEIGH

Seed potatoes with a pedigree. Last year 8 A. yielded 2427 bu. They have averaged 207 bu. per A. for the last 10 years. Price per 180 lb: 1st size, $2; 2d size $1.25. Discount on large lots. Order now.

Harold F. Hubbs, Kirkville, N. Y.

L. S. & P. Co.'s Consignment Sale, Syracuse, N. Y., Feb. 16-17, 1915

Consignor.	No. hd.	To. p.	Av.
Francis M. Jones, Clinton, N. Y.	11	$9605	$873.18
A. R. Owen, Goshen, N. Y.	10	2005	200.50
W. D. Robens, Poland, N. Y.	10	1955	195.50
Melvin & Godfrey, Baldwinsville, N. Y.	9	7085	787.22
W. C. Waring, Jamesville, N. Y.	19	6335	333.42
Edwin K. Munro, Camillus, N. Y.	4	1620	405.00
N. V. Blanding, Syracuse, N. Y.	5	1835	367.00
Stevens Bros. Co., Liverpool, N. Y.	9	4430	492.22
Sabarama Farm, Baldwinsville, N. Y.	4	760	190.00
J. A. Leach, Cortland, N. Y.	10	1465	146.50
Heart's Delight Farm, Chazy, N. Y.	5	795	159.00
R. E. Davis, Mexico, N. Y.	10	1930	193.00
Davis & Jones, Mexico, N. Y.	9	1475	163.88
Geo. T. Hubble, Warner, N. Y.	1	195	195.00
The Whitney Point Stock Farm Co., Whitney Point, N. Y.	1	55	55.00
Franklin Wood, Woodville, N. Y.	11	2410	219.09
Patterson Bros., Wellsboro, Pa.	6	1380	230.00
Fred I. Pinchey, R 5, Syracuse, N. Y.	1	185	185.00
F. C. & K. A. Overton, Adams, N. Y.	8	1890	236.25
Lois A. Stevens, Liverpool, N. Y.	1	2350	2350.00
	146	$49760	$340.82

Male, King Pontiac Konigen, 4 yr., Ed. Kuntzman,, Homeworth, Ohio, $6500.

Male, King Burke of the Pontiacs, 10 mo., O. J. Godfrey & Co., Pennellville, N. Y., $3000.

Reina Victoria De Kol 2d, 6 yr., R. C. Melvin, Liverpool, N. Y., $2350.

Johanna Barnum De Kol, 7 yr., R. D. Lee, Cazenovia, N. Y., $1095.

Daisy Rue Hengerveld Fayne, 2 yr., Stevens Bros. Co., Liverpool, N. Y., $1000.

16 others brought from $500 to $1000.

20 others brought from $300 to $500.

Condensed Report of the March 2-3 Sale of the Holstein Sales Co.

Consignor.	No. hd.	To. pr.	Av.
John M. Howard, Sherburne, N. Y.	6	$1420	$236.67
R. D. Lee, Cazenovia, N. Y.	6	1070	178.00
Richard Hicks, Auburn, N. Y.	9	1080	120.00
Tanner & Tooke, Hamilton, N. Y.	31	7275	234.67
J. A. Leach, Cortland, N. Y.	6	1600	266.67
H. M. Dunham & Sons, Marcellus, N. Y.	24	13801	575.00
E. A. Vandervort, Sidney, N. Y.	5	1025	205.00
Theron Andrews, Cicero, N. Y.	7	1600	228.57
Ralph Corbin, Bainbridge, N. Y.	4	900	225.00
J. H. Hamer, Lacona, N. Y.	6	725	120.82
W. H. Mace, Cortland, N. Y.	7	2060	294.29
Geo. A. Abbott, Cortland, N. Y.	11	2390	217.27
	123	$34945	$284.11

List of Animals Bringing Over $300.

Male, King Pontiac Johanna, 5 yr., W. H. Mace, Cortland, N. Y., $960.

Fides Addie Lou Pearl 2d, 5 yr., W. P. Smith, Syracuse, N. Y., $310.

Antoinette Pietertje Paul, 4 yr., Lawson Holding Co., La Grangeville, $450.

Alice Walker Pietertje, 7 yr., Lawson Holding Co., La Grangeville, $590.

Segis, Eliza, 7 yr., Lawson Holding Co., La Grangeville, $780.

Fertiland Dorothea Walker, 1 yr., Lawson Holding Co., La Grangeville, $325.

Fertiland Summit Gelsche, 1 yr., Homewood Farms, Rye, N. Y., $300.

Fertiland Alice Pietertje, 1 yr., Lawson Holding Co., La Grangeville, $395.

Princess Clothilde Inka 2d, 3 yr., W. G. Cramplin, Eaton, N. Y., $325.

Mechthilde Dione Pontiac, 1 yr., R. C. Melvin, Liverpool, N. Y., $500.

Jewel Korndyke De Kol 2d, 5 yr., E. A. Hutchins, Binghamton, N. Y., $305.

Allenvail Johanna Walker, 2 yr., Ed. Harris, Skaneateles, N. Y., $350.

The Asylum Herd

"WHERE THE CHAMPIONS COME FROM"

Offer Bull Calves sired by sons of Pontiac Korndyke, Hengerveld De Kol, Pontiac Dutchland, or Admiral Walker Pietertje. Do you want a Pontiac in your herd?

Pontiac State Hospital Pontiac, Mich.

SPRINGVALE STOCK FARM
"The Home of the Johannas"

If in need of a bull calf this winter do not fail to investigate the breeding of one sired by King Pieter Lyons and out of a daughter of Colantha Johanna Champion. A combination of breeding surpassed in no herd in the world.

W. J. GILLETT & SON
Rosendale, Wis.

RIGHT NOW

Will sell fifteen to twenty females, cows or heifers. Take your pick from our herd of a hunderd head.

JAMES W. FEAR
Maple Grove Stock Farm
Holland Patent, N. Y.

44-LB. BLOOD

Bulls of serviceable age, and yearling heifers for sale, by a son of the 44-lb. cow, and from A. R. O. tested dams.

Special. Two bull calves by Matador Walker 81979, born Nov. 18, 1914, one from a 23 ½ lb. 3-yr-old; the other born June 4, 1914, from a 21-lb. dam. Price very low for a quick sale.

The Boyson Holstein Herd, Rome, N. Y.

TROUT BROOK HERD

Headed by King of the Pontiacs 4th, one of the best sons of his dad. Nothing for sale at present.

W. H. HORSTMAN Schenectady, N.Y.

3 Good Bulls For Sale

Sired by a son of Admiral Walker Pietertje and dams are A. R. O. young cows. No reasonable offer will be refused. Inquire of

A. B. MILES
Philadelphia, N. Y.

POLLED HOLSTEIN-FRIESIAN CATTLE

Registered and A. R. O. in the Holstein-Friesian Herd Books of America. World's records for polled cattle. Bull calves for sale at $100.00 up. Send for catalogue.

GEO. E. STEVENSON & SONS,
Waverly, Pa.

WANTED—Am in want of a few extra good show animals for the Fall Fairs. Let me know what you have. Could also use 20 registered heifers.

C. E. GSCHWIND
1452 Elm St., Youngstown, O.

GREENVIEW STOCK FARM

HERD headed by King Pietertje Hartog Pontiac No. 105976; a son of King of the Pontiacs and Rouble Hartog De Kol Pietertje No. 69124; 645.2 lb. milk, 24.79 lb. butter in 7 days at 9 years of age. Nothing to offer.

Watch this ad. for something later.

O. L. IVES Guilford, N. Y.

Hamilton Breeders

A. A. Hartshorn Holstein Co.—Inside front cover.

WE CAN SUPPLY YOUR WANTS IN HOLSTEIN-FRIESIANS

Old or young, male or female, officially tested or untested. Eighty head to pick from. Tell us your wants. Address:

CHENANGO FARMS, Hamilton, N. Y.

BULL WITH 30-LB. AVERAGE
Just 2 Years Old.

Most popular breeding transmitting qualities as well as records. Used in our herd past year. Good—Price right.

H. W. Hartshorn, Culvert Brook Stock Farm, Hamilton, N. Y.

J. GRANT MORSE
Breeder of
Just a few
HOLSTEIN-FRIESIANS
OF INDIVIDUAL MERIT
Laurel Farm, Hamilton, N. Y.

Bull Calf BORN FEB. 17, 1915
Dam at 3 yrs .....19.58 lb.
Dam's dam .....28.21 lb.
Sire's dam, at 4 yr., 25.58 lb.
Sire's sire's dam ...30.51 lb.

Calf is a fine individual, and the first check for $40.00 gets him.

Sunnyslope Herd, Hamilton, N. Y.
J. C. Morris.

30.65-LB.

This is the average for the three nearest dams of our herd sire, Beauty Pietertje Hamilton. We offer one of his sons a February calf, out of a 19.7-lb. 3-yr-old daughter of the 30-lb. sire, Artis De Kol Walker. Dam's dam, over 24 lb. A good calf at a reasonable price.

Address DR. O. S. LANGWORTHY
Hamilton, N. Y.

MORSEFIELD HERD
North Haverhill, N. H.

Herd numbers fifty head, combining breeding, individual quality and producing ability as shown in A. R. O. tests.

Herd sire, King Segis Pontiac Grover, a show bull, by King Segis Pontiac and from one of the best daughters of King of the Pontiacs.

Address

FRED E. WELLS, PROP'R.
Box 246, Syracuse, N. Y.

YOU MAKE THE MOST
MILK FOR THE LEAST
MONEY BY FEEDING
UNICORN DAIRY RATION

CHAPIN & COMPANY,
7 R Merchants Row,
Boston, Mass.

RODGERDALE HOLSTEINS

For Sale Yearling bull sired by Sir Johanna Lady Korndyke No. 84.-720. Dam, Burke De Kol Hengerveld 2d No. 132315. Butter A. R. O. 21.46 lb., milk 585.2 lb. Average of dam and sire's dam 29.79 lb. butter, 593.2 lb. milk.

For price address

M. J. Rodger Hammond, N. Y.

Ilma Spofford Burke, 3 yr., Carl Amos, Syracuse, N. Y., $380.
Venango Queen, 8 yr., A. E. Hutchins, Binghamton, N. Y., $400.
Johanna Snow Girl 2d, 4 yr., Elmer Taylor, Fulton, N. Y., $600.
Zolettie Segis Burke, 4 yr., W. P. Smith, Syracuse, N. Y., $400.
Vinnie Abbekerk, 4 yr., Lawson Holding Co., La Grangeville, $600.
Tidy Abbekerk Clyde Ortrude, 7 yr., F. W. Hoag, Rome, N. Y., $365.
Green Plain Adeline Pietertje, 6 yr., Elmer Taylor, Fulton, N. Y., $395.
Johanna Aaggie Lincoln De Kol Burke, 4 yr., C. G. Wilcox, No. Norwich, $310.
Green Plain Pietertje Veeman, 5 yr., Elmer Taylor, Fulton, N. Y., $310.
Korndyke Segis Burke, 4 yr., R. J. Williams, Rome, N. Y., $300.
Lottie Isabella 2d, 5 yr., Lawson Holding Co., La Grangeville, $300.
Lottie Segis, 6 yr., Lawson Holding Co., $1170.
Allenvail Daisy Walker, 2 yr., Elmer Taylor, Fulton, N. Y., $375.
Allenvail Aaggie Beauty, 2 yr., Lawson Holding Co., $525.
Jenny Segis Burke, 4 yr., Lawson Holding Co., $500.
Wavelet Segis, 6 yr., Elmer Taylor, Fulton, N. Y., $900.
Daughter of Spring Farm King Pontiac, Stevens and More, Lacona, N. Y., $610.
Male, King Pontiac De Kol Burke, 4 yr., Horstman & Berwing, Schenectady, N. Y., $3,500.
Ruby De Kol Burke 2d, 5 yr., W. D. Crossman, Weedsport, N. Y., $560.
Oakvale Nellie Korndyke, 3 yr., Stevens & More, Lacona, N. Y., $305.
Pontiac Lodema, 7 yr., V. D. Ludington, Holley, N. Y., $300.
Spofford Paul De Kol Beauty 2d, 2 yr., V. D. Ludington, Holley, N. Y., $370.

Ralph Corbin, Sec'y. Bainbridge, N. Y., writes: As secretary of the Tri-County Holstein-Friesian Breeders Association, of Sidney, N. Y., I wish to announce that the date of our next sale, which was set down for May 26th and 27th, has been changed to May 20 and 21. We have 180 head of choice bred stock booked for this sale, consigned by some of the best breeders in our territory. The sale will be catalogued and conducted by the Liverpool Sales & Pedigree Co. Col's. Kelley, Haeger and Baxter in the box.

PUBLIC SALE CALENDAR

March 17, 1915—Waterloo, Ia. Iowa Holstein-Friesian Breeders 2d Annual.
Mar. 30, 1915—Alta, Ill., I. J. Case.
April 1—Marshfield, Wis. Central Wis. H. F. Breeders' Assn.
April 7, 1915—North Benton, Ohio, Goshen Valley Stock Farms 5th Annual Sale.
April 8—Warren, Ohio. R. C. Church & Sons.
April 8-9—Allentown, Pa. W. M. Beninger's 2d Consignment Sale.
April 15—North Yakima, Wash. Riverview Farm Dispersion.
April 16—Cazenovia, N. Y. R. D. Lee's Sale.
April 19—Cortland, N. Y., R. H. Beard, 3d Annual. 100 head.
Apr. 20-21, 1915—Syracuse, N. Y. Liverpool Sale & Pedigree Co.
April 26—Indianapolis, Ind. C. M. Bottema.
May 4, 1915—Waukesha, Wis. Waukesha Co. Breeders Second Annual.
May 5-6—Lake Mills Holstein Breeders' 11th Semi-annual Sale, Lake Mills, Wis.
May 11-12—Syracuse, N. Y. Sale Pavilion, Fasig-Tipton Co.
May 18—Combination Sale—Case & Clark and Pierce Bros., Lockwood, Ohio.
May 19—Howell, Mich. Livingston County Holstein Breeders.
May 19-20, 1915—Worcester, Mass., New England Breeders Sale.
May 20-21—Sidney, N. Y., Tri-County Holstein-Friesian Breeder's Sale.
May 20-21—Tri-County Holstein Breeders' Sale.
May 26, 1915 — Brockville, Ont. J. C. Hardy.
May 27-28—Scranton, Pa. Dr. Hand Dispersion.
June 3-4, 1915—Syracuse, N. Y. Breeders' Consignment Sale Co. 18th Public Sale.
Oct. 1, 1915—Randolph, N. Y., Southwestern N. Y. Breeders' 2d Annual.

New Berlin Breeders

LOCUS STOCK FARM
Fellow Breeders, Take Notice—A rare opportunity to obtain a herd bull. Grandson of Hengerveld De Kol out of granddaughter De Kol 2d's Butter Boy 3d with good A. R. O. backing. Eighteen months out. Well marked. Write for photo, pedigree, etc.
C. L. BANKS & SON
New Berlin, N. Y.

COLUMBUS VALLEY STOCK FARM

The home of Locus Butter Boy Pontiac from a 27-lb. granddaughter of De Kol 2d's Butter Boy 3d. Sire. son of Hengerveld De Kol. Bull calves for sale from granddaughters of King of the Pontiacs.

W. B. GATES,
New Berlin, N. Y.

RIVERVIEW STOCK FARM—Pure bred Holstein-Friesian sires in service. Only one young bull left ready for service. A grandson of King of the Pontiacs and Johanna Aaggie's Sarcastic Lad. Born Aug. 26, 1913, good color and a fine individual, from a good A. R. O. dam. Full sister as a junior 4-year-old made 18.959 lb. fat from 567.6 lb. milk. Write for price and breeding.
T. A. Page & Son, West Edmeston, N. Y.

Herd Sire—KING CORNUCOPIA NETHERLAND No. 121633. Backed by such noted sires as King Segis, Hengerveld De Kol, Aaggie Cornucopia Johanna Lad, Korndyke Queen De Kol's Prince, and Paul Beets De Kol; also such great producing cows as Abby Hartog Clothilde (31.39 lb), Princess Segis (30.43 lb), and Lily Cornucopia Netherland (24.00 lb, butter and nearly 100 lb. milk in one day). Four nearest dams average 27.50 lb.
Floyd C. Sholes Jay D. Sholes
New Berlin, N. Y.

FULL VIEW STOCK FARM

Twelve years experienced breeding of choice Holstein-Friesian cattle. Senior herd sire, Aaggie Grace Butter Boy 34339 best son of De Kol 2d's Butter Boy 3d. Junior herd sire, Pontiac Perseus 41666, one of the best bred sons of Hengerveld De Kol. Bull calves from the above breeding for sale.
WM. M. BACKUS New Berlin, N. Y.

MAPLE LAWN STOCK FARM has a few well bred cows for sale. They are bred to Brightview Sir Pietertje Segis, whose get are proving exceptional individuals. His sire is one of the best sons of King Segis, out of a one time world record daughter of Paul Beets De Kol. His dam is out of the same cow as Agatha Pontiac, A. R. O. 36.90 at 4 years, and has 28.82 A. R. O.. State wants.
ELMER TRAVER New Berlin, N. Y.

GRANDSONS OF THE $50,000 BULL FOR SALE

WE OFFER two sons of King Veeman Pontiac Hengerveld, a son of King Segis Pontiac Alcartra and from a 29.14-lb. daughter of Sir Veeman Hengerveld, who has six 30-lb. daughters. The dams of these calves have records of 27.24 lb. and 22.60 lb. at a 4-yr-old. These calves are from two to four months old and are very fine individuals.

J. H. PHELPS & SON Cresdale Farm
Vernon, Oneida Co., N. Y.

Owing to the quarantine upon New York State Cattle, we will sell Holstein Bulls to New York State breeders for 50 per cent of their value. These bulls are from service age down to 4 months of age. No bull with less than nine thirty-pound world record cows in their pedigrees and some with seventeen average thirty-pound record back of them. Write what amount you wish to invest and we will let you know how good a bargain we can furnish you.

The Whitney Point Stock Farm Company
Whitney Point, N. Y.

THE GREAT SALE

As a result of my proposed trip to Europe this summer, I have decided upon the

DISPERSION

of my herd of

100 HOLSTEIN-FRIESIANS

AT

Milan, Mich., March 30, 1915

In addition to my herd there will be eleven head sold by my neighbor, Chas. Gunder.

These are not a lot of worn out trading stock.

35 head are less than 15 months old.

40 head are between the ages of 15 and 24 months.

The sale is therefore made up almost entirely of choice young things that have their whole life of usefulness before them. They are in good thrifty condition, are descended from the very best families and tuberculin tested by a veterinarian recognized by the state authorities.

THINGS TO THINK ABOUT

Four daughters of Ypsiland Sir Hengerveld Korndyke and everything of serviceable age will be bred to him. His sire is one of the best sons of the noted sire, Sir Korndyke Manor De Kol. The sire's dam, a 25-lb. cow, has produced a 30-lb. daughter. The dam of Ypsiland Sir Hengerveld Korndyke is Pontiac Ino, a 27-lb. three-year-old three-fourths sister to Pontiac De Nijlander (35.4 lb) one of the greatest dairy cows that ever lived.

A 22-lb. granddaughter of Zanca DeKol's Count and Minnie Hark (26 lb.). Her sister by Dutchland Colantha Sir Inka and her daughter by the same great sire, he being by the $8000 bull, Colantha Johanna Lad, from the 30.8-lb. four-year-old, Lady Princess Beets. Her granddaughter by my herd sire, Ypsiland Sir Hengerveld Korndyke.

An A. R. O. daughter of Prince Pietertje De Kol, who has 33 A. R. O. daughters and who is by De Kol 2d's Paul DeKol from one of the best daughters of Milla's Pietertje Netherland. Her daughter by Sir Fairview Korndyke, who is by Pontiac Korndyke from a 19.8-lb. junior two-year-old full sister to the $25000 bull, Rag Apple Korndyke 8th.

A daughter of Prince of Wayne Korndyke, he by Sir Korndyke Manor De Kol from a 28-lb. daughter of De Kol 2d's Butter Boy 3d. The dam of this one a 17.6-lb. two-year-old, is from a 19.6-lb. daughter of Helena De Kol's Butter Boy and sired by the good bull, Aaggie Grace Butter Boy, who is by De Kol 2d's Butter Boy 3d from the famous show cow, Aaggie Grace 2d's Pietertje.

A daughter of Sadie Vale Concordia's Paul De Kol 3d, who is distinguished by having for his two nearest dams 30-lb. cows that have each produced 30-lb. daughters. Her daughter by my herd bull, Ypsiland Sir Hengerveld Korndyke.

A daughter of Sir Pontiac Cornucopia, one of the good sons of Pontiac Aaggie Korndyke, who with his sire, Pontiac Korndyke, are the only bulls that have ten 30-lb. daughters each.

The 24-lb. cow, Nettie De Kol Colantha.

5 daughters each of King Pontiac Royal Prince and Hillview Pontiac Rue.

3 daughters each of Pioneer Pontiac Pet, Sir Clothilde Vernon and Segis Lyons De Kol Beets.

2 daughters each of Dutchland Colantha Sir Inka, King Pontiac Ted, King Segis Pontiac Pietertje 3d, Korndyke Abbekerk 3d, Kingwood Aaggie Grace Segis, King Ophelia Rose Koningen, Cornucopia Beets Walker, Sir Korndyke Pietertje Hengerveld and King Segis Pontiac 9th.

These are all young sires of excellent breeding. The catalog will tell you all about them.

Granddaughters of such noted sires as King of the Pontiacs, Pontiac Aaggie Korndyke, Pontiac Korndyke, Friend Hengerveld De Kol Butter Boy, King Segis Pontiac, Calamity Jane's Paul, De Kol 2d's Mutual Paul, Paul Beets De Kol, Pietertje Hengerveld Segis, King Veeman De Kol, Aaggie Cornucopia Johanna Lad, Paul De Kol Jr., Sir Keyes Mechthilde, Colantha Johanna Lad, De Kol 2d's Paul De Kol Prince, Emerald Hengerveld Artis, Manor De Kol, King Pontiac Soldene, King Hengerveld Pondyke, Hengerveld De Kol, etc., etc.

Send for one of the Liverpool Sale & Pedigree Co.'s catalogs which will tell a whole lot more about them.

Milan is located at the junction of the Wabash & Ann Arbor railroads, 40 miles west of Detroit and 30 miles north of Toledo.

This is the greatest opportunity that will be afforded the buyer this spring. Do not miss it.

FRED BACHMAN, Azalia, Mich.

Auctioneers:
Cols. PERRY and THOMPSON

Manager of the Sale:
S T WOOD

HOLSTEIN AUCTIONEER

To insure the success of your sale you need Kelley in the box.

For dates write

Col. B. V. KELLEY. Syracuse, N. Y.

A SUCCESSFUL HOLSTEIN SALE
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THE RIGHT AUCTIONEER

Satisfied patrons all over the country testify to the quality of my work. For dates and terms address

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needs
M A C K
Always on the Job—for RESULTS
In the box or in the ring.
For dates address

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Ft. Atkinson Wisconsin

When in need of an Auctioneer

LET WHITE DO IT

Long experience with Holsteins and thorough training in Jones' Auctioneering School, Chicago.
Dates made anywhere.

ROY WHITE
Woodstock Illinois

COL. D. L. PERRY

THE

HOLSTEIN AUCTIONEER

I also sell satisfaction.

COLUMBUS, OHIO.

ON YOUR LAST CUTS DID THE ENGRAVER PAINT OFF THE HORNS OF THE BULL AND NOT KNOW IT?

If you have had trouble in getting good cuts of your Holsteins send them to me and tell me in cow language what you want to show and I will make the plates the way you want them for I have owned a few Holsteins myself.

C. F. TELLER, Pres.
ONONDAGA PHOTO-ENGRAVERS, Inc.
220 West Onondaga Street
Syracuse, N. Y.

We make cuts for the Holstein-Friesian World.

Heifer Calf For Sale—Sire, Pontiac Triumph Cornucopia 49270, who was by Pontiac Cornucopia, and from a 26-lb. daughter of Hengerveld DeKol. His first daughters to freshen are milking over 50 lb. per day as 2-yr-olds. Dam, a 14.2-lb. 2-yr-old granddaughter of Betta Lyons Netherland (34.71 lb.) whose dam is also a 34-lb. cow. Calf was born Jan. 23, 1915 and is a nice one. Write for pedigree and price. **H. C. Stanton, Burn Brae, Clifton Heights, Pa.**

Son of 28-lb. Cow that is a daughter of Pietertje Hengerveld's Count De Kol. She gave a lot of milk, is a faultless individual, and has a 25-lb. daughter. Sire of calf was by Colantha Johanna Lad, and from a 31-lb. daughter of a 30-lb. cow. Calf was born Jan. 1, 1915, and is a beauty. Investigation means a sale. **The Wallace Holstein Co.,**

R. E. Buell, Mgr., Wallingford, Conn.

KANSAS CITY FARM

Breeders of K. C. Holsteins
Kansas City, U. S. A., and Springfield, Ill. Some bred heifers and heifer calves for sale. Also a few yearly record cows.

T. J. DAUGHENBAUGH
Springfield, Ill.

LINDENWOOD HOPE

The Risinghurst Herd

HOME OF
THE WORLD'S CHAMPIONS

Offers a few choice young bulls, also a few A. R. O. cows in calf to Risinghurst Johanna Ormsby DeKol, son of the great Lindenwood Hope.

We will also accept a few approved cows for service to her son.

CROWN PRINCESS MAXIEDE KOL 2D

G. W. RISING, Fayette, O.

THE IOWA BELLE HERD

offers a very choice lot of bulls from A. R. O. dams, sired by

COLONEL BEETS SEGIS NO. 51507

a son of the great KING SEGIS; also offers a few young cows bred to Colonel Beets Segis
This herd is clean and right and its members will be priced right. Write or come and see.

C. S. MULKS, RICEVILLE, IOWA

The Corse Press

Constantly Growing
Large New Equipment
Enables us to give you best of Service
at Reasonable Prices
Try us Now

Sandy Creek, New York

Mangel or Sugar Beets Wanted

JENNINGSHURST STOCK FARMS
Towanda, Pa.

REST EASY HERD

Our consignment of 24 head in the Holstein Sales Company's March Sale averaged **$575.00.** Our kind bring the money—quarantine or no quarantine.

Herd sire—King Pontiac Mayflower 105149 a son of King of the Pontiacs and the 31-lb. 3-yr.-old, Mayflower Lilith Pauline 2d, by the best son of Prilly, and from a 27.9 lb. 4-yr.-old granddaughter of Lilith Pauline De Kol's Count.

H. M. DUNHAM & SONS, Marcellus, N. Y.

Evolution of the Automobile is the wonder of the Twentieth Century

Evolution of the full blood strains leading up to Johanna King Segis No. 71964 is the greatest wonder of the century in Holstein history. He, his two brothers and mother sold for $56,150. You up-to-date breeders, consider this wonderful Johanna strain. Wouldn't this line of 40 pound breeding help your herd?

A call at our farms and a look at this sire and his offspring will be a revelation and if you appreciate breeding and individuality you will take some of them home with you.

Service fee for Johanna King Segis $250.

Oak Grove and Twin Pine Stock Farms

HOUSLET & McNUTT — OXFORD, WIS.
Address all correspondence to N. Houslet, Oxford, Wis.

Grahamholm Herd of Holstein-Friesians

TWO GREAT SIRES AT HEAD OF THE HERD

Aaggie Cornucopia Johanna Lad Jr., 36974 and Sir Winana Beets Segis, 52927 (a son of King Segis).

Aaggie Cornucopia Johanna Lad Jr., has 36 A. R. O. daughters, 21 A. R. O. sons and 14 daughters that have produced A. R. O. daughters. Two of her daughters have over 28-lb. records. 190 daughters average over 25 lb., and all of his daughters average over 20 lb. 5 daughters average 112½ lb. milk in one day.

Sir Winana Beets Segis, whose daughters are doing excellent work, now has 13 A. R. O. daughters. One daughter, 3 yr. 8 mo., has an A. R. O. record of 28.45 lb. butter in 7 days. One daughter, 32 mo., 23.93 lb. in 7 days, 96.75 lb. in 30 days and 751.40 lb. in one year. Two other daughters, 2 yr., have over 19 lb. each. One son won Grand Championship at the Minnesota State Fair 1914.

We are offering sons of these bulls for sale. Every matured cow in the herd has an A.R.O. butter record above 20 lb. and the largest per cent 25 to 30 lb.

If you want high quality and productiveness, come and see what we offer, or write.

W. J. BOYNTON, Mgr., Rochester, Minn.

DISPERSION SALE

Breeders Herd at Auction, Mason, Michigan, March 25, 1915

30-b. cow and her three beautiful daughters.
25-lb. cow and her daughter.
24.75 lb. granddaughter of Hengerveld De Kol, and her daughter sired by 30-lb bull.
24.44-lb. granddaughter of Hengerveld De Kol, heavy in calf by 30-lb. bull, and her daughter sired by a son of Homestead Girl De Kol Sarcastic Lad.

Between 25 and 30 head, all females but 3 bull calves. Every producing animal with an A. R. O. record; nearly all out of A. R. O. dams. Nice individuals; heavy producers; result of 10 years of breeding Tuberculin tested. Write for catalog.

HOBART W. FAY, Mason, Mich., Owner
Col. B. V. Kelley, Auctioneer — S T WOOD, Sales Manager

A SPLENDID BULL

KING PELL SEGIS No.143954.
Born April 20, 1914.

Sire: King Segis Lyons, No. 87148. The best son of the best individual daughter of King Segis and by the best son of the best daughter of Pietertje Hengerveld's Count De Kol.

Dam: Lady Pell De Kol 2d, No. 96672. Record: Milk 493.8; butter 26.24 and we expect this record will be increased in April. She is sister to the great cow Pietertje Floa Artis, who recently made 38.14.

King Pell Segis is big and straight, nicely marked and will do credit to a first-class herd.

Eight of his near dams average 29.03 lb.

Dr. B. B. DAVIS, 200 Bee Bldg.
OMAHA, NEBRASKA

Grand View Herd

Offers a young bull ready for service. Born Feb. 4, 1914.

Sire, Spring Farm King Agatha, his three nearest dams average 35 lb. Each of these dams are all above 30 lb., including his own dam with a 3-yr-old record of 30.67 lb.

Dam, Daisy Veeman Beauty, with 16.74 lb. at 2 years of age, she a granddaughter of DeKol 2d's Butter Boy 3d.

This youngster is 3-4 white, handsomely marked. Send for pedigree and price.

WATKINS BROS., Camden, N. Y.

A Trip to Maryland

I have just returned from a trip to Frederick, Md., where I spoke to a very enthusiastic gathering of breeders of that state.

The climate and soil conditions of much of the state makes it remarkably well adapted to dairying. But it is only of recent years that very much interest has been manifested in that direction. I was therefore encouraged and delighted to see about two hundred men come together to learn what they could, about the Holstein cow.

Under the wise leadership of Mr. W. P. Morsell as president, and combined with the untiring efforts of Mr. G. H. Hibberd as secretary, the Holstein Breeders' Club of Maryland is doing a work long needed in that state and although it is a comparatively young organization, the awakened interest is being felt.

Prof. McDowell of the United States Department of Agriculture gave a very interesting address in which he showed the possibilities in dairying, by proper breeding, care and management of the herd.

Such meetings are not only good mediums through which to disseminate knowledge concerning dairying, but they arouse new interest and create more enthusiasm, which are fully as important as the acquisition of knowledge concerning the business.

If the good work begun by the Maryland Holstein Breeders' Club is continued it will only be a few years before Maryland will rank among the leading dairy states of the Union.

A. A. Hartshorn.

Hamilton, N. Y. Feb. 19, 1915.

Inclosed please find $1.00 for the continuation of my subscription of your valuable paper. (Could not farm without it.) Frank A. Fisher, Wilkes-Barre, Pa.

Benninger's Second Great Consignment Sale of 200 of Registered Holstein on April 8th and 9th on Allentown, Pa. Fair Grounds, all fine individuals and large official records. In this consignment is the entire herd of 40 head of I. J. Focht, including three-year-olds giving better than 60 lb. milk a day and older cows as high as 80 lb. Write for particulars. **W. M. Benninger, Benningers, Pa.**

MOUND PRAIRIE STOCK FARM

Offers two Registered Holstein Bulls ready for service. Backed by A. R. O. records. Light in color, good individuals. Priced right.

S. H. BIRD — **So. Byron, Wis.**

THESE WILL MAKE GOOD
We offer exceptionally good bull calves from A. R. O. Johanna cows and sired by **Spring Farm King Pontiac Mercedes**, a 31.8 lb. grandson of King of the Pontiacs. One nearly ready for service, 4 dams average 29.45. Price $350.
Barker Farm, Chippewa Falls, Wis.

Sherburne Breeders

FOR SALE—2 Sons of King Veeman De Kol

One from a 16-lb. two-year-old heifer. Born in November. Your choice for $75.

R. P. Kutschbach & Son, Sherburne, N. Y.

BULL CALVES

WHOSE dam and sire's dam average 90 to 103 lb. for milk and 25 to 30 lb. for butter.

Clayton Sisson
Sherburne Stock Farm
Sherburne, N. Y.

SHERBURNE SUBURBAN STOCK FARM

50 pure-bred Holsteins of quality.
250 grades that cannot be surpassed.
Herd headed by son of King of the Pontiacs. We can supply anything you want in good cattle.

F. H. WILCOX Sherburne, N. Y.

MAD BROOK STOCK FARM

Offers for sale a granddaughter of King of the Pontiacs born Sept. 18, 1914; nicely marked and well grown. If interested write for particulars.

BRIGGS & CUMMINGS
Sherburne, New York.

HARRINGTON SISTERS

OFFER A BULL CALF—Born Mar. 20, 1914; large, nicely marked; half white; a fine, active individual nearly ready for service. Sire, Prince Rag Apple Korndyke, a son of Pontiac Korndyke, and with two 20-lb. 2-yr-olds. Dam, Pietertje Clothilde Johanna De Kol 2d No. 103912, 24.792 lb. Sister to De Kol Queen La Polka 2d, 35.38 lb. Price, $100. Write for pedigree.

M. T. Bryant, Mgr., Sherburne, N. Y.

WESTEND STOCK FARM

Offers a Few Bull Calves

Sired by King Pontiac Hilldale (sire, King of the Pontiacs; dam, Hilldale Lorie Korndyke, 29.93 lb. at 4 yrs) and from A. R. O. dams. The calves are fine individuals. A credit to their backing. Choice for $125.

Bert J. Butts, Sherburne, N. Y.

Bellemore STOCK FARM Herd Sires

Cornucopia Korndyke Pontiac No. 86875 Sire, Pontiac Korndyke No. 25982. Dam, Ada Cornucopia Posch No. 96620. 33.20 in 7 days, 136.31 in 30 days. King Pontiac Hilldale No. 114040 Sire, King of the Pontiacs No. 39037. Dam Hilldale Lorie Korndyke No. 106671. 29.93 in 7 days as 4-yr-old. Bull calves for sale.

Edsall B. Reynolds, Sherburne, N. Y.

YOUR FUTURE HERD SIRE

Must be bought young if bought economically. The best are soonest taken. We now offer a bargain in a beautiful young bull (born Nov. 12, 1914) whose dam and sire's dam average 28.32 lb. butter in one week, 97 lb. milk in one day.

W. B. BULLOCK
Sherburne, N. Y.

WEST SIDE STOCK FARM

A bull calf, born April 10, 1914; more white than black; a first class individual. Sire, Cornucopia Korndyke Pontiac a son of Pontiac Korndyke and from the 33.20-lb. cow, Ada Cornucopia Posch Dam, Green Plain Lady, 20.63 lb. She has a 20.24-lb. jr. 2-yr-old daughter, and her dam and grandam have each produced 3 A. R. O. daughters with records from 20.63 to 26.54 lb. at 3½ yr. Calf will be sold for $150. John M. Howard, Sherburne, N. Y.

BE PRESENT

At R. H. Beard's 3d Annual Sale of Pure Bred Holsteins, all of which will please buyers desiring individuality and breeding.

April 19, 1915, Cortland, N. Y.
R. H. Beard, Cortland, N. Y.

A CORRECTION

I have intended writing you before but on account of press of other matters have delayed doing so. In your January 2d issue of the World on page 11 in answer to question 8 with reference to feeding beets I am credited with the answer: "No. For short period tests never over 24 lb. daily. For long period tests 40 to 45 lb. daily."

Again on page 12, answering question 9, with reference to feeding ensilage I am quoted with the answer: "For short period tests, yes. For long period tests 30 to 40 lb. daily." Now these answers are just the reverse of our practice and the answers seem to have been transposed. Whether this was done at your office or whether it was done in answering the questions here I am unable to say but in any event my answer to No. 8 would be: Yes. For short period tests from 40 to 90 lb. per day and for long period tests from 30 to 40 lb. daily.

Answering question No. 9: No. For short period tests never over 24 lb. daily. For long period tests 40 to 45 lb. daily.

Our usual practice in feeding roots is 40 to 60 lb. daily for mature cows and we have fed as high as 90 lb. daily and in this particular instance the cow consumed but 14 lb. grain per day and made 33 lb. butter in 7 days.

To our mature cows on short tests 7 and 30 days, we never feed over 24 lb. silage per day, seldom more than 20 to 22 lb. We have found that too much ensilage satisfies the appetite which can be used for more concentrated protein feeds and which will produce more milk. In other words the cow will consume and assimilate more grain by not giving her too much ensilage.

Rosendale, Wis. Feb. 19, 1915.
W. J. Gillett.

COTTON SEED MEAL AND HULLS

Kindly give me your valuable advice for the following question:

My silo gave out and I have got on hand cotton seed hulls. Please advise me how to mix with cottonseed meal and how much to feed each cow of same.

Edit. Reply:—A. K .K., South Boston, Virginia.

Opinions seem to differ as to the value of cotton seed hulls for dairy cows. Nourse of the Virginia Station considers them about equal to oat straw in feeding value. Soule of the Texas Station found them nearly equal to sorghum hay for cows, while in the experience of Conner of South Carolina Station they are decidedly inferior to corn stover in feeding value.

The general conclusion seems to be that they furnish a roughage of fair value in carbohydrates, very deficient in crude protein, and lacking somewhat in palatability. Cotton seed meal, while one of the best and most economical concentrates, should not be fed in too liberal amounts, on account of a harmful effect on the cow.

Most authorities are agreed that not over 3 lb. should be fed daily and not this much unless the meal be of good quality. If this is mixed with cotton seed hulls in the proportion of 1 lb. of meal to 3½ lb. of the hulls, a fairly well balanced ration will result.

If other concentrates were available for use in this ration, we believe the results would be more satisfactory.

WALCOWIS FARMS

Offer **Walcowis Johanna Beets**, born Nov. 13, 1914. A fine individual well grown and more white than black.

Sire, Buffalo Forty Beets, dam's yearly record 1024 lbs. butter and 25,660 lbs. milk. Undefeated in 1914 as a 2-yr-old at National Dairy Show, Dairy Cattle Congress and 5 state fairs.

Dam, Buffalo Juno Johanna, A. R. O. at 3 yrs., 7 mo., 20.11 lbs. butter and 436.80 lbs. milk. Daughter of **Johanna Colantha's Lad**, 21 A. R. O. daughters. He by Sarcastic Lad and from **Johanna Colantha**, 26.48 in 7 days and 796.67 lbs. in a year. Dam of **Walcowis Johanna Champion**, junior champion bull at last National Dairy Show.

For price, pedigree and photo address

A. B. DICKINSON, Lake Geneva, Wis.

SIR PIETJE ORMSBY SPOFFORD

7 A. R. O. daughters—3 above 20 lb. At 2 years, the entire number averaging 18.49 lb.

He is the only sire 12 of whose 15 nearest sires have one or more 30 lb. daughters each.

His record proves his own merit.

His dam, a 24-lb. 4-yr.-old sired by a son of a 30-lb. cow.

His sire's 3 nearest dams average 30 61 lb.

Special Offering. A son of Sir Pietje Ormsby Spofford, from a 27-lb. 3-yr.-old daughter of a 28-lb. cow. Producing and transmitting blood—and real value here.

ELNORADALE FARM, REXVILLE, N. Y.

OFFICIAL RECORDS OF HOLSTEIN-FRIESIAN COWS

From the Report of Supt. M. H. Gardner for the Period from Dec. 30, 1914 to Jan. 15, 1915.

SUMMARIES

During the period from December 30th, 1914, to January 15th, 1915, records for 600 animals were received and have been accepted to entry in the Holstein-Friesian Advanced Register; of which 167 were semi-official long-time records and forty were "eight months" records. Of the 393 short time records, fourteen were extended to fourteen days, two to fifteen days, and eleven to thirty days. This herd of 393 animals, of which nearly one-half were heifers with first or second calves, produced in seven consecutive days 156,663.5 lbs. milk containing 5,501.381 lbs. butter-fat; thus showing an average of 3.51 per cent fat. The average production for each animal was 398.6 lbs. milk containing 13.998 lbs. butter-fat; equivalent to over 56.9 lbs. and 27.1 quarts of milk per day, and over 16 lbs. of commercial butter per week.

The main interest in this issue of The Reports will center around the fact that the Holstein-Friesian Association is able to report in one issue four cows as gaining places in the 1,000-lb. butter-cow list, these cows producing above 900 lbs. fat each.

The averages for several classes of the semi-official yearly division follow. Fifty-one full aged cows averaged: age, 6 years, 9 months, 17 days; length of record, 347 days; milk, 16,325.4 lbs.; per cent fat, 3.32; fat, 541.34 lbs. Eighteen senior four-year-olds averaged: age, 4 years, 8 months, 20 days; length of record, 352 days; milk, 15,882 lbs.; per cent fat, 3.30; fat, 524.87 lbs. Eleven junior four-year-olds averaged: age, 4 years, 1 month, 26 days; length of record, 333 days; milk, 12,437.4 lbs.; per cent fat, 3.35; fat, 416.07 lbs. Twenty-one senior three-year-olds averaged: age, 3 years, 9 months, 8 days; length of record, 354 days; milk, 14,055.9 lbs.; per cent fat, 3.37; fat, 473.1 lbs. Sixteen junior three-year-olds averaged: age, 3 years, 2 months, 15 days; length of records, 337 days; milk, 12,437 lbs.; per cent fat, 3.44; fat, 427.43 lbs. Seventeen senior two-year-olds averaged: age, 2 years, 9 months, 10 days; length of record, 354 days; milk, 13,388.4 lbs.; per cent fat, 3.50; fat, 468.17 lbs. Thirty-three junior two-year-olds averaged: age, 2 years, 2 months, 10 days; length of record, 340 days; milk, 11,535.3 lbs.; per cent fat, 3.39; fat, 390.78 lbs.

This herd of 167 animals, of which nearly one-half were heifers with first or second calves, produced 2,357,715.9 lbs. milk containing 79,261.36 lbs. butter-fat; thus showing an average of 3.36 per cent fat. The average production for each animal was 14,118.1 lbs. milk containing 474.62 lbs. butter-fat; equivalent to over 553.7 lbs. of commercial butter per year.

The four new 1000-lb. butter records reported in this issue raise the total number of Holstein-Friesian cows producing fat enough to make in excess of one thousand pounds of commercial butter to twenty-seven; and this number does not include the junior three-year-old Finderne Holingen Fayne that has already entered the 1000-lb. list and bids fair to excel all the rest. It is evident that the breed will soon be able to show a very large number of cows that have produced fat equivalent to more than one thousand pounds butter. The full aged cow Maple Crest Pontiac Spotted Annie, 981.02 lbs. fat from 21,393 lbs. milk, leads, she being followed by Tilly Alcartra, 951.23 lbs. fat from 30,451.4 lbs. milk, and Lilith Piebe De Kol, 920.5 lbs. fat from 29,599.4 lbs. milk. It will be seen that both Tilly Alcartra and Lilith Piebe De Kol have surpassed all milk records previously reported. Riverview Fytje De Kol Ormsby, 856.6 lbs. fat from 26,134.2 lbs. milk, fails by but a hair-breadth of crossing the line; and if she were a Jersey would class as a 1000-lb. cow, since our Jersey friends compute 85 lbs. fat to 100 lbs. butter.

THE LEADERS

Name of Cow, Sire, Breeder and Owner.

	Age y.	m.	d.	Days f.c.	Milk lbs.	Per ct.	80% but. ft. lbs.
FULL AGED CLASS.							
Leda Cornucopia 119361 (Sir Cornucopia Prince)	6	1	6	10	596.2	3.95	29.43
B. & O., State College, Brookings, S. Dak.							
Cassiopeia Cornucopia De Kol 99873 (Prince Cornucopia Wayne)	7	0	29	11	635.8	3.63	28.82
B., Browning & McPherson, Howell, Mich. O., Mark H. Piper, Flint, Mich.							
Lindenwood Dimple 2d 139424 (Duke Ormsby Pietertje De Kol)	5	1	14	29	465.3	4.70	27.33
B., H. H. Prickett, Fayette, Ohio. O., G. W. Rising, Fayette, Ohio.							
Glista Draba 134893 (Prince Ybma Spofford 6th)	5	1	4	22	611.6	3.57	27.29
B. & O., Cornell University, Ithaca, N. Y.							
11 others over 25 lb. 35 others above 20 lb.							
SENIOR FOUR YEAR CLASS.							
Dutchland Colantha Vale 132794 (Colantha Johanna Lad)	4	9	26	33	667.4	3.20	26.64
Record for 30 days				12	2580.4	3.17	102.52
B. & O., F. F. Field Holstein Co., Brockton, Mass.							
Piebe Aagje De Kol 139491 (Sir Johanna Piebe)	4	8	13	7	503.2	4.17	26.20
B. & O., R. J. Shaefer, Appleton, Wis.							
Mary Gelsche De Kol 2d 153397 (Billy King Prilly)	4	6	26	6	442.6	4.60	25.46
B. & O., M. H. Bartlett, Poolville, N. Y.							
14 others above 20 lb.							
JUNIOR FOUR-YEAR CLASS							
Glista Esmaralda 154473 (Woodcrest Pietje Ormsby)	4	2	5	9	482.3	3.92	23.66
B. & O., Cornell University, Ithaca, N. Y.							
Johanna Aaggie Segis 155763 (Gem Segis Beets)	4	5	8	22	623.6	3.03	23.65
B., J. G. Drake, Somerville, N. J. O., Carl G. Wooster, Red Creek, N. Y.							
Bessie Fayne De Kol 158516 (Homestead Fayne De Kol)	4	1	8	7	497.4	3.76	23.35
B., Grove Brothers, Columbus, Wis. O., W. S. Moscrip, Lake Elmo, Minn.							
Piebe Pontiac De Kol 3d 211886 (Sir Johanna Piebe)	4	5	16	22	548.4	3.40	23.33
B. & O., R. J. Schaefer, Appleton, Wis.							
Elzevere De Kol Wayne 148916 (Houwtje Vale Elzevere De Kol)	4	2	0	6	411.4	4.50	23.12
B. & O., Guy Wakefield, Fowlerville, Mich.							
Paladin Canary 128568 (Paladin Burke)	4	4	15	19	553.3	3.33	23.04
B. & O., Bradley Fuller, Utica, N. Y.							
10 others above 20 lb.							
SENIOR THREE-YEAR CLASS							
Aaggie Cornucopia Beets 4th, 172472 (King Hengerveld Segis)	3	7	21	9	420.1	4.27	22.43
B. & O., A. W. Brown, W. Winfield N. Y.							
Ourvilla Colantha Girl 166599 (Dutchland Colantha Sir Clothilde)	3	10	16	12	465.4	3.83	22.30
B. & O., S. W. Warner, Collins, N. Y.							
Nixola Nannette 7th 209170 (Aaggie Cornucopia Pauline Count)	3	6	25	17	386.0	4.58	22.09
B. & O., O. U. Kellogg, Cortland, N. Y.							
6 others above 20 lb.							
JUNIOR THREE-YEAR CLASS							
Myrtle Pietertje Ponto 178787 (Clarissa Pietertje Ponto)	3	4	27	8	548.8	3.45	23.67
B. & O., M. H. Bartlett, Poolville, N. Y.							
Paladin Ida Pietertje 148099 (Paladin Burke)	3	3	0	6	476.8	3.92	23.34
B. & O., Bradley Fuller, Utica, N. Y.							

Cazenovia Breeders

KORNDYKE PONTIAC AAGGIE, 64888
Heads Our Herd.

He was by a son of Pontiac Korndyke, and the 37-lb. former World's Champion, Pontiac Pet. His dam is the great 30-lb. cow, Aaggie Alban Shadeland.
Herd numbers forty head.

W. H. HUGHES
P. O. Webster Station, N. Y. (near Cazenovia). Railroad, Ballina, on the West Shore.

MEADOWOOD FARMS

Cazenovia, N. Y.

BULL CALVES FOR SALE AT REASONABLE PRICES

All from A. R. O. dams.

W. G. Chard, Prop. A. L. Shepherd, Mgr.

BY A 33.87-LB. SIRE—Dam, a 16.45-lb. 2½-yr-old, produced 458.2 lb. milk in 7 days. She was by Gordon Glen Pontiac, sire of the World's Champion 2-yr-old, and from a 22-lb. daughter of Johanna Rue 3d's Lad. This applies to a 6-mo.-old bull calf we are offering at a bargain. Also, a bull calf by Lorenzo Pontiac Korndyke, a 31-lb. son of Pontiac Korndyke, out of A. R. O. dams. For complete information address Chas. S. Fairchild

Lorenzo Farm, Cazenovia, N. Y.

Two Grandsons of King of the Pontiacs

By King of the Pontiacs Small Hopes—one from an 18-lb. 3-yr-old granddaughter of King Segis; 2d dam a 21.6 lb. 3-yr-old daughter of Korndyke De Haan, the other from an 18-lb. 4-yr-old daughter of Korndyke De Haan. Write for pedigrees and prices. J. A. Fuggle, Sulphur Springs Farm, Cazenovia, N. Y.

Elm Road Farm

Can fill your wants in Holsteins. Herd sire—Sir Woodcrest Korndyke Kate De Kol 5th, who has a 30-lb. dam and a 36-lb. full sister.

R. D. LEE Cazenovia, N. Y.

GRANDSON OF KING OF THE PONTIACS

From a 13.23-lb. yearling daughter of a 22.64-lb. cow. Calf is 7-8 white, straight and right. Price $50.00.

Jay W. Lee, Cazenovia, N. Y.

163 ACRE ALFALFA-DAIRY FARM

30 acres alfalfa.
15 acres woodland.
90 ft. stable—silo.
Well watered. 3 miles from Cazenovia on State Road. Want to sell farm and herd of 28 pure-bred females.

D. D. BLOWERS
R. F. D. Cazenovia, N. Y.

BOND CENTURY FARM

Canastota, N. Y.

Grandsons of King of the Pontiacs

From A. R. O. dams for sale.

Address
W. E. Bond, Potsdam, N. Y.
Or call at the farm, W. A. Hotchkiss, Manager.

SYRACUSE GRADE HOLSTEINS FOR SALE

30 extra fine, fresh cows.
25 extra nice cows due this month. They are producers and will suit the man looking for extra high grade cows.

JOHN B. WEBSTER
C/o St. Cloud Hotel Syracuse, N. Y.

BELLEVIEW FARM

Breeders of large, typical Holstein-Friesians. Choice bulls; tuberculin tested; backed by high average records.

E. B. WATROUS, Troy Center, Wis.

New Woodstock Breeders

J. A. Stanton & Son—Half page ad.

31.64-LB. BULL CALF

Out of a 25.69-lb. cow that produced 577.3 lb. milk in a week, and by a son of the famous 37-lb. $5500 cow, Pontiac Pet. Calf born May 9, 1914. Quality and breeding at low price. Address

F. L. FREEBORN
New Woodstock, N. Y.

SON OF A 29.87-LB. SIRE
READY FOR SERVICE

Sire, Sir Urmagel Burke Segis, 88538.
Dam, A 15.88-lb. junior 2-yr-old daughter of a 31-lb. sire.
Here is a good individual, evenly marked, with plenty of breeding. Price remarkably low. Address
DAMON BROS. New Woodstock, N. Y.

BY A 26-LB. SIRE

We offer a bull calf by a 26-lb. son of De Kol Beets Segis, and from a 16-lb. granddaughter of De Kol Hengerveld Burke. A good calf at a reasonable price. Herd sire, a son of King Segis Pontiac Alcartra.

F. L. & I. H. HUNT
New Woodstock, N. Y.

26.61-LB. BULL CALF

Born Nov. 19, 1914; mostly white. Sire, Marcella Hengerveld Champion 93151. Dam, Clothilde Imperial De Kol 69179. In test but 7 days, and made over 23 lb. Average above given includes, dam and 3 nearest dams of sire. A good calf, at a right price. Address
Irving H. Lee, New Woodstock, N. Y.

GRANDSON OF KING OF THE PONTIACS

From an A. R. O. dam for sale. A fine youngster. Come and see him and his dam. Also a few sons of Korndyke Defiance Segis. Prices very low.

A. L. LAMUNION
New Woodstock, N. Y.

NONPAREIL FARM

Herd sire, King Pontiac Lilith Altoona No. 107196. Service fee $50.00.

People wanting service bulls from this sire and our A. R. O. cows will hereafter have to place their orders in advance as the demand seems to be greater than the supply this year.

FAY & CLOYES, Props.
Earlville, N. Y.

GOOD BULLS CHEAP

No. 1, Born Feb. 16, 1913:
Sire, Walker Korndyke Segis. Dam, Inka Pietertje Beets Johanna. 20 lb. butter in 7 days. Price $175.00.

No. 2, Born Feb. 23, 1913:
Sire, Korndyke Inka Butter Boy. Dam, Corintha 3d Mechthilde. 12 lb. butter in 7 days as a jr. 2-yr-old. Price $125.00.

No. 3, Born March 7, 1914:
Sire, Korndyke Butter Boy 19th. Dam, Corintha 3d Mechthilde. 12 lb. butter in 7 days as a jr. 2-yr.old. Price $100.00.

Also a son of Spring Farm King Pontiac.

Dr. J. R. Allen, Orwell, N. Y.

GRANITE STATE HERD

OFFERS a show bull. Born June 26, 1914; very large; splendid build; ½ white.
Sire—Pietertje Hengerveld De Kol Segis, bred and built right.
Dam—a grand old cow, good conformation, square udder, well veined, heavy producer. Her grandam was imported.

JOHN E. POTTER, Conway, N. H.

Klasina Netherland 3d 188549 (Korndyke Butter Boy Prince) 3 5 23 21 489.4 3.73 22.84
B., J. J. Conway, Buskirk Bridge, N. Y. O., E. S. Aiken, S. Cambridge, N. Y.
3 others above 20 lb.

SENIOR TWO-YEAR CLASS
Buffalo Elsa Beets 172543 (Buffalo Beets De Kol) ..2 11 0 9 486.7 4.45 27.09
B., R. B. Young, Buffalo Center, Iowa. O., John B. Irwin, Minneapolis, Minn.
Woodcrest Sarcastic Princess 171405 (Pietje 22d Son) 2 9 0 9 429.2 4.99 26.75
Record for 14 days 9 924.8 4.53 52.35
B., J. W. Dimick, Rifton, N. Y. O., Est. J. W. Dimick, Rifton, N. Y.
Eva Deane De Kol 247468 (King Deane Sir De Kol 48855; dam No. 93618) 2 10 13 25 580.7 3.65 26.49
B., Jos. Haviland, Glens Falls, N. Y. O., Est. Jos. Haviland, Glens Falls, N. Y.)
Hill Pine Pontiac Yelkje 191059 (King Pontiac Pleione) 2 9 24 7 396.4 4.56 22.58
B. & O., E. E. Risley, Walton, N. Y.
Roxie Pauline De Kol Posch 5th 199462 (Katie Butter Boy Paul) 2 7 7 29 503.8 3.41 21.46
Record for 30 days 7 1996.0 3.52 87.91
B. & O., Jabez Smith, Newark Valley, N. Y.
Johanna Fayne Moole Homestead 184908 (Oak De Kol 2d Homestead Fobes) 2 9 23 23 421.4 3.84 20.23
B., August Knospe, Juneau, Wis. O., Jos. M. Hackney, St. Paul, Minn.
15 others above 16 lb.

JUNIOR TWO-YEAR CLASS
Woodcrest Wiegertje 181539 (Pietje 22d Son) 2 4 22 21 548.9 3.58 24.58
Record for 30 days 13 2383.5 3.23 98.24
B., J. W. Dimick, Rifton, N. Y. O., Est. J. W. Dimick, Rifton, N. Y.
Woodcrest Isabella Pietje 181636 (Pietje 22d Son) ..2 5 10 21 476.8 3.85 22.97
Record for 30 days 6 1959.5 3.74 91.66
B., J. W. Dimick, Rifton, N. Y. O., Est. J. W. Dimick, Rifton, N. Y.
Houwtje Korndyke Pontiac De Kol 223058 (Crown Pontiac Korndyke) 1 11 12 7 379.4 4.47 21.21
B. & O., Geo. H. Gillespie, Mason, Mich.
Lenore Girl Korndyke 211691 (King of the Pontiacs 7th) 2 0 16 12 374.5 4.38 20.49
Record for 30 days 8 1654.3 4.02 83.19
B., E. A. Vandervort, Sidney, N. Y. O., Henry Stevens & Son, Lacona, N. Y.
Calista Longfield Brook 211960 (Pontiac Pegasus)..1 11 23 25 404.3 3.81 19.24
B. & O., M. J. McPherson, Howell, Mich.
Valley Farm Pietje 217892 (Woodcrest Albina Pietje) 2 0 12 26 445.0 3.42 19.01
Record for 30 days 10 1755.6 3.41 74.93
B. & O., Don J. Wood, W. Winfield, N. Y.
18 others above 15 lb.

Records Begun at Least Eight Months After Freshening.

FULL AGED CLASS
Paula of Chagrin Falls 3d 114006 (Tirania Lady Colantha Hero) 6 0 10 255 480.6 3.42 20.57
Prior record 24.671 lbs. fat from 751.4 lbs. milk.)
B., J. V. Shugart, Marion, Ind. O., Est. J. W. Dimick, Rifton, N. Y.
Tilly Alcartra 123459 (Alcartra Polkadot Corrector) 5 1 6 352 473.1 3.25 19.23
Prior record 23.412 lbs. fat from 715.4 lbs. milk.)
B., McKay Bros., Buckingham, Ia. O., A. W. Morris & Sons Corp., Woodland, Cal.
Lilith Queen Pauline 110568 (Lilith Pauline De Kol's Count) 6 2 22 278 437.5 3.09 16.75
(Prior record 24.194 lbs. fat from 508.4 lbs. milk.)
B., Lamb & Langworthy, E. Hamilton, N. Y. O., F. S. Stimson, Hollywood, Wash.
Mercedes Princess Faustina Inka 82654 (Goudgeld Mercedes Prince) 8 0 28 246 403.2 3.31 16.68
(Prior record 21.233 lbs. fat from 499.3 lbs. milk.)
B., Bronson & Fitzgerald, Cortland, N. Y. O., W. J. Troy, Ithaca, N. Y.

SENIOR FOUR-YEAR CLASS
May Green 2d Lass 131944 (Prince Ormsby Boy) ...4 10 0 246 440.0 3.19 17.54
(Prior record 23.946 lbs. fat from 744.3 lbs. milk.)
B. & O., S. W. Kelner, La Grange, Ohio.
Pietertje Korndyke Abbekerk 120730 (Korndyke Abbekerk) 4 7 4 269 417.7 3.25 16.96
B., J. D. Hagan, Lacona, N. Y. O., F. S. Stimson, Hollywood, Wash.

JUNIOR FOUR-YEAR CLASS
Queen of the Hengervelds 140485 (King of the Hengervelds) 4 3 23 268 390.7 2.80 13.68
(Prior record 21.350 lbs. fat from 643.2 lbs. milk.)
B., F. R. Crandall, Howell, Mich. O., F. S. Stimson, Hollywood, Wash.

SENIOR THREE-YEAR CLASS
Jolie Netherland Cornucopia DeKol 137298 (Concordia De Kol Cornucopia Count) 3 9 27 243 305.8 3.63 13.86
(Prior record 18.138 lb. fat from 556.0 lbs. milk.)
B., W. J. Graham, Novelty, Ohio. O., Alexander Watt & Williams, Novelty, Ohio.

JUNIOR THREE-YEAR CLASS
Daisy Concordia Houwtje 160844 (Jericho Shadeland Concordia) 3 2 28 245 389.0 3.41 16.56
(Prior record 15.202 lbs. fat from 581.6 lbs. milk.)
B., Frank J. Severance, Mason, Mich. O., Harry E. Covert, Leslie, Mich.

SENIOR TWO-YEAR CLASS
K. S. P. Pleione 163497 (King Segis Pontiac) 2 8 23 301 263.1 3.70 12.16
(Prior record 16.428 lbs. fat from 451.8 lbs. milk.)
B. & O., Stevens Bros. Co., Liverpool, N. Y.
Cythera De Kol 2d 158824 (Paul Beets Johanna) 2 11 1 251 241.8 3.83 11.59
(Prior record 15.748 lbs. fat from 356.2 lbs. milk.)
B., W. T. Graham, Brookton, N. Y. O., W. J. Troy, Ithaca, N. Y.

JUNIOR TWO-YEAR CLASS
Etta Belle Pauline 176768 (Quoque Etta Shadeland Son) 2 4 16 254 293.1 4.18 15.31
(Prior record 11.851 lbs. fat from 416.7 lbs. milk.)
B., H. Hoyt, Lake Mills, Wis. O., R. L. Rutter, Jr., Ellensburg, Wash.

Lothian Mary De Kol 2d 181027 (Pietertje Hengerveld Sir Korndyke) 1 11 3 260 337.2 3.52 13.59
(Prior record 13.041 lbs. fat from 379.5 lbs. milk.)
B., Alexander Watt, Novelty, Ohio. O., Watt & Williams, Novelty, Ohio.
Bonalevo Walker Pietertje Artis 178006 (Admiral Walker Pietertje) 2 3 5 254 335.4 3.40 14.24
(Prior record 16.814 lbs. fat from 394.6 lbs. milk.)
B., A. B. Miles, Philadelphia, N. Y. O., R. E. Chapin & Son, Batavia, N. Y.
Pabst Lulu Lady 169492 (King Pontiac Champion ..2 2 29 290 332.5 3.41 14.17
(Prior record 18.028 lbs. fat from 502.4 lbs. milk.)
B. & O., Fred Pabst, Oconomowoc, Wis.

Semi-Official Yearly Records.

FULL AGED CLASS
Maple Crest Pontiac Spotted Annie 141164 (Pontiac Aaggie Korndyke 5 1 1 365 21393.0 4.59 122.63
B., Dan Dimmick & Bro. E. Claridon, Ohio. O., Maplecrest Stock Farm Co., E. Claridon, Ohio.
Tilly Alcartra 123459 (Alcartra Polkadot Corrector) 5 1 6 365 30451.4 3.12 118.90
B., McKay Brothers, Buckingham, Iowa. O., A. W. Morris & Sons Corp., Woodland, Cal.
Lilith Piebe De Kol 93710 (Tehee Lilith Pauline De Kol) 6 11 20 365 29599.4 3.11 115.08
B., Frank Murray, West Winfield, N. Y. O., Emblagaard Dairy, Big Bay Mich.
Riverview Fytje De Kol Ormsby 100148 (Duchess Korndyke De Kol) 6 9 14 365 26134.2 3.28 107.08
B., George F. Blewer, Newark Valley, N. Y. O., E. C. Schroeder, Moorhead, Minn.
Traverse Johanna Lass 103266 (Johanna de Pauline 2d's Lad) 6 7 3 365 19696.3 3.54 87.19
B., H. T. Allen, Chardon, Ohio. O., State Hospital, Traverse City, Mich.
Aaggie Genesta 77049 (Lord Netherland Aaggie De Kol) 8 9 10 365 19469.6 3.46 84.30
B., S. J. Fleming, Walden, N. Y. O., Julius Schmidt, Montgomery, N. Y.
Queen Gretqui De Kol 139399 (Ocean Queen 2d's Rob Roy) 5 11 25 365 19897.6 3.36 83.61
B., Wm. Johnson, Delta, Ont., Can. O., Iowana Farms, Davenport, Ia.
10 others over 700 lb.

SENIOR FOUR-YEAR CLASS
Pietertje Korndyke Abbekerk 120730 (Korndyke Abbekerk) 4 7 4 365 23874.2 3.30 98.48
B., J. D. Hagan, Lacona, N. Y. O., F. S. Timson, Hollywood, Wash.
Myrtle Wayne 130112 (Tritomia Sir Gem) ...4 10 22 365 18396.3 3.64 83.81
B. & O., Isaac Stephenson, Kenosha, Wis.
Colantha 4th's Lad Mercedes 118898 (Colantha 4th's Lad) 4 7 25 365 17161.5 3.57 76.66
B., G. J. C. Copestake, Ames, Iowa. O., Univ. of California, Davis, Cal.
Serida Burke 128469 (Prince Hengerveld Burke De Kol) 4 8 17 365 16832.9 3.49 73.47
B., Arthur Wyatt, Buskirk Bridge, N. Y., O., Geo. E. Van Hagen, Barrington, Ill.
8 others above 600 lb.

JUNIOR FOUR-YEAR CLASS
Posch Pietertje Hengerveld De Kol 139870 (Pietertje Hengerveld Mercena De Kol) 4 3 3 341 18137.3 2.87 64.97
B., H. W. Norton, Howell, Mich. O., J. S. Hulbert, Nampa, Idaho.
Queen Pontiac De Kol Burke 140854 (Sir Pontiac De Kol Burke) 4 0 8 365 14392.7 3.50 63.03
B., Bancroft Dise, Lansing, Mich. O., David Roberts, Waukesha, Wis.

SENIOR THREE-YEAR CLASS
Duchess Hengerveld Korndyke 131752 (Judge Hengerveld De Kol) 3 9 19 365 22897.0 3.95 112.92
B., O. A. Stubbs, Lewisville, Ind. O., Emblagaard Dairy, Big Bay, Mich.
Lady Longfield Piebe Ormsby 4th 145700 (King Homestead De Kol 3 9 21 342 12398.0 4.43 68.73
B., Henry Saufferer, Morristown, Minn. O., J. B. Irwin, Minneapolis, Minn.
Johanna Fayne Korndyke 129891 (Sir Johanna Aaggie Fayne) 3 10 27 365 16120.1 3.40 68.52
B., F. H. Thompson & Son, Holland Patent, N. Y. O., Isaac Stephenson, Kenosha, Wis.
Pauline Calamity Burke 134546 (Woodcrest De Kol Burke) 3 11 2 365 16384.9 3.33 68.28
B., F. W. Allis, Madison, Wis. O., C. M. Evans, College Station, Texas.
Hilda Ormsby Grace 133779 (Mooie Ormsby Count) 3 8 19 365 18823.6 2.90 68.18
B. & O., S. H. Bird, South Byron, Wis.
5 others above 600 lb.

JUNIOR THREE-YEAR CLASS
Victoria Segis Johanna 140515 (King Segis Pontiac Witkop) 3 5 26 365 14996.6 3.78 70.92
Wm. Everson, Lake Mills, Wis. O., Isaac Stephenson, Kenosha, Wis.
Sunshine Netherland 2d 165401 (Sunshine Johanna Sarcastic Lad) 3 0 4 365 18735.5 3.00 70.27
B., J. E. Meilke, Basco, Wis. O., H. Stillson Hart, Barrington, Ill.
Pietertje Johanna Lass 177994 (Johanna De Kol's Lad 2d) 3 2 28 365 15233.9 3.36 63.94
Total solids, 1,820.95 lbs.
B. & O., A. J. Daugherity, Streator, Ill.
Korndyke Senorita 194170 (Prex Korndyke De Kol) 3 1 1 365 13378.5 3.72 62.26
B. & O., Univ. of California, Davis, Cal
Wellsland Whittaker 148935 (Dutchland Sir Korndyke Gladi) 3 5 11 365 13781.1 3.49 60.20
B. & O., N. W. Salmon, Glenfield, N. Y.

SENIOR TWO-YEAR CLASS
K. P. Johanna 157597 (King of the Pontiacs) ...2 11 8 365 17973.1 3.81 85.66
B., Stevens Brothers-Hastings Co., Liverpool, N. Y.
O., Stevens Bros. Co., Liverpool, N. Y.

AURAY FARMS BREEDING

De Kol 2d-King Segis Combination

We have made a specialty of uniting the blood of De Kol 2d, greatest of all transmitting cows, with that of King Segis, one of the four greatest transmitting bulls.

AURAY FARMS HERD

is especially strong in the blood of such famous foundation cows as: De Kol 2d, Belle Korndyke, Blanche Lyons, Lillian Walker and Prilly; through King Segis, Hengerveld De Kol, Pontiac Korndyke, King of the Pontiacs and other famous descendants.

AURAY FARMS BULLS

Mutual Pietertje Paul

No. 31943. 30 A. R. O. dau. and 15 sons. The best individual grandson of De Kol 2d, by her famous son, De Kol 2d's Mutual Paul; and from the great cow Winana Piet. De Kol, dam of 4 A. R. O. dau.—2 over 31 lb.

KING SEGIS PONTIAC CLORINDA

No. 82157. By the greatest son of King Segis and from a daughter of King of the Pontiacs. His first daughter to come in milk is now on A. R. O. test and making 16 lb. at 2 yr.

PIETERTJE PAUL ELSJE

No. 112054. A worthy son of Mutual Pietertje Paul and from a daughter of King Fayne Segis. He traces no fewer than 16 times direct to De Kol 2d, and is the strongest De Kol bred bull in service.

Write for printed charts, etc., of some of their young bull calves, bred for

INDIVIDUALITY PERFORMANCE and TRANSMITTING ABILITY

F. M. Avery I. M. Avery, Mgr.
Sparta, Sussex Co., N. J.

Cloverleaf Dairy Farm—has for sale a bull with 25-lb. backing, born Dec. 26, 1913, mostly white, fine individual. Sired by Beauty Pietertje Prince, whose 5 nearest dams average over 25 pounds. Dam's record 17.38 at 2 yrs. She will be tested again. 14 nearest dams in this bull's pedigree average over 25 lbs. butter in 7 days. Price $200 delivered into adjoining states. Write your bull wants to
M. B. Stevens, Fremont, Mich.

"Of the Breeders By the Breeders For the Breeders"

Handy Herd Register (loose leaf)—Nothing better in its line.
Pocket Herd Guides—The owner and herdsman's friend.
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Madison, Wis.

The only office in the Middle West equipped for the management of Public Sales, and the rapid compilation of Catalogs and Pedigrees.

HOME OF 40 DAUGHTERS OF TIDY ABBEKERK PRINCE 37770

Bulls—Sired by Changeling Butter Boy 41398 and other good young bulls, out of dams sired by Tidy Abbekerk Prince.
The dam of Fytje Butter Boy 141834 has now 26.35 lb. butter. He is for sale.

GEO. F. BLEWER EST.,
Newark Valley, N. Y.

EASTERN BREEDERS—I am now booking orders for my annual eastern trip, and would like to hear from you at an early date if you desire me to stop at your place. This will be an opportunity for you to secure the services of an expert in the making of photos, engravings, etc., of live stock and agricultural subjects.

R. F. Hildebrand,
Union Stock Yards, Chicago, Ill.

WHITFORD HOMESTEAD HERD

Offers three bulls nearly ready for service. Good individuals and extra well grown. Sired by a 26-lb. grandson of Pontiac Korndyke. Their dams have A. R. O. records.

E. A. WHITFORD
Adams Center, N. Y.

$40.00, $50.00, $65.00 EACH

Slaughtered prices on 10 mo. Pontiac bulls. The last of 50 head sold. Bargains. A. R. O. dams.

A HURSH **Orrville, Ohio**

YEARLINGS

A few choicely bred yearlings for sale at reasonable prices.

Lots of A. R. O. backing.

BROWN BROS.

Hartford **South Dakota**

FOR SALE—ORMSBY PRILLY BULLS
Beauty Pietertje Prince, 14 A. R. O. daughters, headed Mr. Hartshorn's herd. His sons head herds owned by A. W. Morris & Sons, Woodland, Cal., Mr. Cortelyou of New Jersey and others. Two serviceable sons from sisters to Pietertje Maid Ormsby, with records, 16.25 and 23.30. Price $150 and $300; good individuals, light color. Four dams average 26.42, 7 days.
C. B. REDDELIEN, North Lake, Wis.

READY FOR SERVICE

SONS of King Segis Pontiac Columbo, three-fourths brother to the $50,000.00 bull.
Their dams all have fine A. R. O. records up to 31 lb.

Price $150 to $2,500

State your requirements and send for extended pedigrees and full particulars or come and see them and see the great Superba Herd.

Pine Grove Farm, ELMA CENTER near Buffalo, N. Y.
OLIVER CABANA, Jr., Owner

Kaan Segis of Grahamholm 167470 (Sir Winana Beets Segis) 2 8 19 365 16068.4 3.74 75.14
B. & O., Christopher Graham, Rochester, Minn.
Tirania Yankee Mary 2d 176547 (Dutchland Colantha Sir Inka) 2 6 28 365 16606.5 3.46 71.89
B. & O., James Phelan, Forestville, N. Y.
Gertrude Wayne Colantha Fayne 157392 (Colantha Johanna Champion) 2 6 23 365 14820.6 3.59 66.46
B. & O., Isaac Stephenson, Kenosha, Wis.
Pauline Parthenea De Kol Sarcastic 3d 210110 (King Pontiac Segis Clothilde) 2 9 19 365 15107.8 3.48 65.72
B. Est. J. A. Graham, Paterson, N. J. O., Oliver Cabana, Jr., Elma Center, N. Y.
Miss Grace Korndyke 162927 (Sir Korndyke Hengerveld De Kol) 2 7 13 364 14718.3 3.48 64.09
B., John B. Irwin, Minneapolis, Minn. O., J. B. Irwin, Minneapolis, Minn.

JUNIOR TWO YEAR CLASS

Miss de Nudine Segis Johanna 172795 (Newburn Segis Johanna) 2 2 25 365 22719.9 3.11 88.39
B., Wm. Tracey, Burton, Ohio. O., City of Cleveland, Cleveland, Ohio
Agricola Pontiac Veeman 169477 (De Kol Creamelle Pontiac Butter Boy 2 0 7 365 17938.0 3.12 69.88
B. & O., Henry G. Beyer Jr., Portland, Me.
Pietertje Homestead Ormsby 162967 (Sir Pietertje Ormsby Mercedes) 2 3 8 365 13953.3 3.68 64.21
B. & O., E. C. Schroeder, Moorhead, Minn.
Flora Belle Wayne Walker 159505 (Admiral Walker Pietertje) 2 5 25 365 14217.2 3.59 63.73
B., A. B. Miles, Philadelphia, N. Y. O., R. E. Chapin & Son, Batavia, N. Y.

MALCOLM H. GARDNER, Supt. A. R.

CANADIAN OFFICIAL RECORDS

From February 1st to February 15th, 1915

THE LEADERS

MATURE CLASS (10)

	Age y. m. d.	Milk lbs.	But.lbs. 80%ft.
Rauwerd Count DeKol Lady Pauline 12462, G. A. Brethen, Norwood, Ont.	7 11 23	721.6	30.47
Thirty-day record	7 11 23	3001.28	123.87
May Echo Verbelle 5320, Allison Bros., Chesterville, Ont.	10 8 26	660.0	29.87
Thirty-day record	10 8 26	2676.4	116.62
Aaggie Hengerveld Burke 2d 24138, Allison Bros. Chesterville, Ont.	6 0 28	554.9	29.68
Fourteen-day record	6 0 28	1079.3	58.21
Alice Tensen 12079, A. C. Hardy, Brockville, Ont.	5 10 8	564.3	29.12
Thirty-day record	5 10 8	2429.1	117.28
SENIOR FOUR YEAR OLD CLASS (7)			
Lawncrest May Echo 15024, F. R. Mallory, Frankford, Ont.	4 7 15	579.3	24.41
Hill-Crest Hengerveld Lassie 15325, G. A. Brethen, Norwood, Ont.	4 8 20	564.8	24.02
Thirty-day record	4 8 20	2327.9	94.77
Princess Pauline De Kol 15534, Jas. G. Currie, Ingersoll, Ont.	4 8 15	525.9	23.33
JUNIOR FOUR YEAR OLD CLASS (3)			
Dixie Queen of Lorne 20420, Geo. B. Ryan, Tillsonburg, Ont.	4 2 24	527.8	22.03
SENIOR THREE YEAR OLD CLASS (4)			
Pietje Pauline Hengerveld 19302, A. C. Hardy, Brockville, Ont.	3 6 22	444.3	31.78
Lottie Canary Segis 17306, J. M. Steves, Steveston, B. C.	3 11 22	482.5	23.85
Veeman Princess Pride 20202, H. C. Holtby, Belmont, Ont.	3 9 16	402.2	20.02
JUNIOR THREE YEAR OLD CLASS (2)			
Lady Pietje Canary's Jewel 17314, J. M. Steves, Steveston, B. C. (30-day record)	3 4 10	1620.4	79.75
243-day record	3 4 10	17576.7	842.36
SENIOR TWO YEAR OLD CLASS (9)			
Lyndenwood Colantha 23498, W. J. Bailey, Hagersville, Ont.	2 10 3	474.8	22.08
Thirty-day record	2 10 3	1830.4	91.31
Calamity Zozo 26465, Chas. W. Goodbrand, Millgrove, Ont.	2 8 26	434.9	17.95
Fourteen-day record	2 8 26	872.8	34.81
Nelson's Calamity 26121, Thos. H. Goodbrand, Waterdown, Ont.	2 8 21	449.9	17.76
Thirty-day record	2 8 21	1872.7	70.02
Sadie Vale Hartog 22947, T. W. McQueen, Tillsonburg, Ont	2 10 17	378.0	16.30
Queen Fayne Clothilde 23569, Peter Smith, Stratford, Ont.	2 7 22	385.4	16.02
JUNIOR TWO YEAR CLASS (4)			
Lyons Segis Alta Posch 24476, Allison Bros., Chesterville, Ont.	1 11 8	330.1	15.53
Abbekerk Lass 23495, Thos. H. Smith, Sebringville, Ont.	1 9 19	337.7	14.33

Semi-official Records, From February 1 to February 15, 1915

MATURE CLASS (5)			
Fairmont Wayne 10571, Wallburn Rivers, Ingersoll, Ont.	6	14786	610.00
Elsie Mac of Grand View 10005, Thos. F. Pattison, Thorold, Ont.	6	16363	605.00
THREE YEAR OLD CLASS (3)			
Ann of Maple Lodge 15502, Robt. S. Oliver, St. Mary's, Ont.	3 212	12388	513.75
Claressa Rue Johanna 17221, John C. Brown, Stamford, Ont.	3 69	11169	513.73
TWO YEAR OLD CLASS (6)			
Sara Jewel Hengerveld Korndyke 16096, R. W. Walker, Utica, Ont.	2 272	10548	536.25
Nettie Rooker 18453 Walter M. Lea, Victoria, P. E. I.	2 335	10790	516.25

W. A. CLEMONS, Secretary.

A HERD BULL

Should have more than high record backing.
Here is one ready for service—⅞ white, large, well grown, and in good condition. An exceptional individual and tuberculin tested with transmitting power as well as records behind him.
His sire by the famous 31-lb sire, Sir Korndyke Pontiac Artis, and from a 29.88-lb. 4-yr.-old daughter of Sir Veeman Hengerveld (7 30-lb. daughters). He is a full brother to a 30-lb cow.
His dam a 25-lb daughter of De Kol 2d's Butter Boy 3d
The records of his dam, and the two nearest dams and a full sister of his sire average 29.18 lb.
Price for a quick sale—$160.00.

W. M. BRIDGE, Hornell, N. Y. R. 1.

Lakeside Stock Farm

Now offers a fine and highly bred class of yearling young bulls, now ready for use, as can be seen in any herd in America, including two from 31 and 32-pound dams, and as well bred on the sire's side. No better breeding or individuality. Write for particulars.

E. A. POWELL
904 W. Genesee St. **SYRACUSE, N. Y.**

PEACEFUL VALLEY FARM

OFFERS

Bull; Tag No. 88 **KORNDYKE PIETERTJE 145405** Born Dec. 31, 1913

A fine individual sired by Sir Pontiac Roxie Korndyke. Grandsire. Pontiac Korndyke
Dam made as a junior 3-yr.-old 23.24 lb. Dam made as a junior 5-yr.-old 27.77 lb.
Dam made as a junior 4-yr.-old 25.22 lb.
Just completed test.

OXFORD DEPOT. Orange Co., NEW YORK

30-LB. BLOOD FOR SALE

1—Bull, born June 25, 1914; dam a 29.80-lb. daughter of King Segis and sold for $1500 at public auction.

2—Bull, born Jan. 10, 1914; dam a 29.68-lb. daughter of Gordon Glen Pontiac.

The above are sired by a bull whose six nearest dams average over 30.56 lb. butter in 7 days, and whose first two daughters to freshen made over 20 lb. and 18.50 lb respectively as junior 2 yr olds.

For prices and pedigrees apply to

GEO. WINTER & SON, Adirondack Valley Stock Farm **Chateaugay, N. Y**

The Balsams Stock Farm

Our first thirteen cows to be put on a semi-official yearly test have finished:

Total milk produced,	191979 5 lb.
Yearly average for the thirteen,	14767.65 lb.
Total fat produced,	6528.553 lb. equivalent in butter to 8160.69 lb.
Total fat required for the thirteen,	4382.3 lb. equivalent in butter to 5477.87 lb.
Excess fat over that required for the thirteen,	2146.253 lb. equivalent in butter to 2682 81 lb.
Yearly average of fat for each cow,	502.196 lb. equivalent in butter to 627.745 lb.
Yearly average of fat required for each cow,	337.08 lb. equivalent in butter to 421.35 lb.
Excess fat over that required for each cow,	165.116 lb. equivalent in butter to 206.395 lb.

All of the thirteen are bred, and several are due to calve in less than two months from the time they finished their year; in fact the average length of time for the thirteen is 85 days.

NOTE:—Only seven of the thirteen were matured cows.

HENRY S. HALE, Owner **Dixville Notch, N. H.** **P. A. CAMPBELL** Manager

Breeder's Bulletin

In the report of Canadian Official Records published in this issue, a new 30-lb. granddaughter for Pietertje Hengerveld's' Count De Kol is brought out in Rauwerd Count De Kol Lady Pauline, with an average of over 100 lb. milk in a day for 30 days.

May Echo Verbelle, the dam of the Champion senior 4-yr-old, May Echo Sylvia, increases her butter record to 29.87 lb., although she falls a little short of her former 7-day milk record of over 700 lb.

Alice Tensen is forced to give up the Canadian Championship in the senior 3-yr class by her stable mate, Pietje Pauline Hengerveld, with 31.78 lb., an increase of over 3 lb., but comes back herself with over 29 lb., at maturity.

The new champion is a daughter of Prince Hengerveld Pietje, (by Pietje 22d's Woodcrest Lad and from a 33.6-lb. daughter of Hengerveld De Kol).

In addition to this championship, the Year Book just issued shows the daughters of this sire holding the first three places in the junior 2-yr. class.

Particular attention is directed to the continued performance of Lady Pietje Canary's Jewel, the B. C. 3-yr-old.

G. H. Truckell, secretary Holstein Sales Co., Liverpool, N. Y., writes: We cordially thank our many friends who attended our sale of March 2 and 3. In spite of quarantines and rumors of quarantines, we certainly had a good attendance and liberal bidders, especially on the first day of the sale. The article saying foot and mouth disease had been found on a farm ten miles from Liverpool had a marked influence on the second day. It is now the opinion of those who ought to know that the infection came through horses shipped in, either from an infected district or shipped in cars not properly disinfected. The authorities would thank any breeder who would give them full information regarding any cars used for cattle shipping, or shipping of any livestock, and, if the evidence is conclusive, will, "Make the railroads sit up and take notice." All owners of livestock should work together and help to stamp out the trouble and one way, and probably the greatest way, is to have all shutes, yards and cars thoroughly disinfected after using. Thoroughly does not mean leaving manure in cars and sprinkling a little powder over it, it means thorough cleaning and free use of germicides.

Buyers wished to get all stock home before the county was quarantined and over one hundred head left the pavilion on Wednesday, the second day of the sale. We feel certain that any one present will concede matters were handled about right despite the difficulties and that the Holstein Sales Company can and does handle public sales in a satisfactory manner.

Holstein Sales Company,
G. H. Truckell, Secretary.

Secretary To Holstein breeder. Situation wanted by young American, in charge of herd records, purchases, advertising, correspondence. Am experienced stenographer; can write pedigrees. Understand conditioning for test. Reference. Address

Box A-Z, Care of World, Lacona, N. Y.

O. L. Wilkinson, Elnoradale Farm, Rexville, N. Y., writes: Another daughter of Sir Pietje Ormsby Spofford has made 20.25 lb. of butter in 7 days at 2 yr 10 mo. This makes three 20-lb. 2-yr-olds for him, his seven daughters averaging 18.49 lb. at 2 yr 1 mo. Can any other sire equal this average for his first eight 2-yr-old daughters at this age? Also do you learn of any other sire twelve of whose fifteen nearest sires have one or more 30-lb. daughters each? This question, you will recall, was asked in the World some time ago.

(Editor's Note)—We have received no replies from owners having bulls concerning which this statement can be made. If any of our readers have one such, or which can surpass the showing of Sir Pietje Ormsby Spofford in respect to daughters, we shall be glad to hear from them.

W. D. Robens, Poland, N. Y., writes: I am pleased to report that the second daughter of King Korndyke Sadie Vale to freshen has made the following record: K. K. S. V. Cora, 2 yr., 2 mo., 6 da., butter 26.56 lb. which we believe is the second largest ever made by a junior 2-yr-old. The first daughter of K. K. S. V. Florence Veeman at 2 yr 18 da. made 22.25 lb. butter. I believe this is the best that the first two daughters of any bull ever did as junior two-year-olds. The dams of both these are "Veeman" daughters making them granddaughters of Sir Veeman Hengerveld.

Brown Bros., Canton, N. Y., write: One of the best heifers that ever left our place is Snowball Witra 170733, (see photo elsewhere in this issue), sold to Mr. H. D. Weller & Son, Lowville, N. Y. Last year, as a senior 2-yr-old, this great heifer made a record of 23.17 lb. butter, 440.3 lb. milk, averaging 4.21 per cent fat. Her latest achievement as a senior 3-yr-old, is 30.95 lb. butter in 7 days, her best day's milk being 77 lb. Her performance was so even that you could pick any twenty-eight milkings out of fifty-two and the result would have been the same. She is a granddaughter of De Kol 2d's Butter Boy 3d and Korndyke Queen De Kol's Prince. Messrs. Weller & Son also purchased from us a daughter of the 32-lb. sire, Gem Paul Johanna, from a daughter of Korndyke Queen De Kol's Prince. This heifer made 22 lb. at 2 years.

Our cattle are coming through the winter in splendid shape, and we expect to make a good bunch of records between now and spring. We have several that are just as good as those we sold to Messrs. Weller & Son.

W. M. Benninger, Benningers, Pa., writes: As per my advertisement I will hold my second consignment sale of registered Holsteins on the Allen-

PARMELEE STOCK FARMS

Offer

A FEW GRANDSONS OF

Colantha Johanna Lad

and out of A. R. O. dams.

Write your wants.

Putney - - - - - Vermont

MAPLEHURST FARMS

OFFER FOR SALE

King Pontiac Canary Walker Born Dec. 17, 1914.

Sire—King Pontiac Canary 15 A. R. O. Dams. His first senior two-year-old daughter to be tested made 21 and 20 lbs.

Sire's sire—King of the Pontiacs—the greatest bull of the breed.

Sire's dam—Canary Hartog De Kol 26.60, a daughter of Canary Mercedes Alban 2 30-lb. daughters.

Dam—Walker Beryl Altoana 4 yr. 2 mo.

Butter 28.12

Milk in one day 91.00

Still in 30-day test.

Dam's dam—Lilith Beryl Altoana 27.13. Sold for $2,000 at Public Auction. Her sire Lilith Pauline De Kol's Count sire of 3 30-lb cows.

This bull is nearly white and a handsome individual.

For further information address—

Lamb & Langworthy

EAST HAMILTON N. Y.

Some Want Quantity, Others Want Quality

You get both in King Pontiac Segis Veeman, born Feb. 25, 1914. The records of his dam, sire's dam and grandam average as follows:

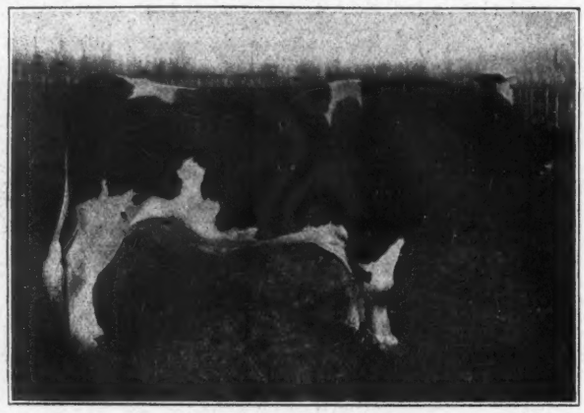
7 days butter		31.85 lb.
30 " "		129.29 "
365 " "		1034.95 "
365 " Milk		21151.90 "

with each of them averaging right up to 4% fat for the entire year. His dam a 29-lb. daughter of the great Sir Veeman Hengerveld, 7 30-lb. daughters, and a lot more coming. Sire, King Segis Pontiac Count, a son of the highest yearly record daughter of King of the Pontiacs. A great combination of blood lines, good individual. Send for chart pedigree and price

ARDEN FARMS INC. **W. J. YOUNG Mgr.**

Merriam Park Sta. **St. Paul Minn.**

Sir Pietertje Ormsby Mercedes 44931



Dam: Pietertje Maid Ormsby 35.56 lb. World record 1911.

Sire of:

Bess Pietertje Ormsby Mercedes 759 lb. milk, 33.15 lb. butter at 3 yr. 3 mo. World record junior 3-yr.-old.

Queen Piebe Mercedes, 2 yr. 10 mo., 526.5 lb. milk, 29.845 lb. butter. World record senior two.

Aaggie Wayne Pietertje Ormsby, 25.31 lb. butter at 2 yr. 5 mo.

Helena Ormsby De Kol 3d, 25.1 lb. butter at 2 yr. 5 mo.

First prize "get" at National 1913 and 1914. "Get" never defeated at 11 fairs 1914.

Sir Korndyke Hengerveld De Kol 36th

First Prize two-yr-old Minnesota and National 1913.

Sire of:

Sir Korndyke Fytje, 1st prize yearling National 1914.

Sir Korndyke Ormsby Piebe, 1st prize junior calf, National 1914.

First daughter to be tested has nearly 18 lb. at 24 months of age.

We have several bulls out of high record daughters of Sir Pietertje Ormsby Mercedes and sired by Sir Korndyke Hengerveld De Kol 36th. Those bulls are fine individuals, nicely marked. They have a combination of individuality and records hard to beat.

For pedigrees and prices write:

Moorhead E. C. SCHROEDER, Minnesota

H. M. DUNHAM, Marcellus, N. Y. T. E. GETZELMAN, Hampshire, Ill. G. H. TRUCKELL, Liverpool, N. Y.

HOLSTEIN SALES COMPANY

established for the benefit of buyers, sellers and breeders of Holstein-Friesians, the greatest of all dairy breeds

Catalogs, Circulars, Stationery and Test Books

Sales Held and Managed Anywhere in North America

Consignment and Dispersion Sales our Specialty

G. H. TRUCKELL, Secretary - Box 257, LIVERPOOL, N. Y.

Let us figure with you on your next sale, or that bunch of stock you wish to turn into cash.

town, Pa., Fair Grounds on April 8th and 9th.

I wish to say that this consignment sale of some 200 head includes the finest individuals I ever had, owing to the quarantine preventing my sale of Nov. 12th, all the animals offered are in splendid shape and all animals consigned to this sale are from clean areas where no foot and mouth disease existed so that purchasers need have no fear of the disease.

In this consignment I will offer some 50 head, mostly of my own breeding, including my entire show herd. Mr. I. J. Focht will consign his entire herd of some 40 animals, many officially tested and some being tested at this writing. Owing to the death of his brother Mr. Focht is unable to continue in the dairy business and this is an exceptional opportunity for purchasers to secure richly bred animals and fine individuals.

At this sale many will undoubtedly go at bargain prices, same as at my first sale, so that all who are in the market for best quality, registered Holsteins should make it a business to attend the sale as all animals offered will positively be sold.

An elegant lot of bulls ready for service, many out of official tested dams, including some out of 28, 25 and 23 lb. dams, will be sold, the entire consignment of cows, heifers, bulls and calves consists of the most fashionable and leading strains of the breed.

A supplement to my Nov. 12th catalogue will be issued and will be out in ample time for the sale.

I consider the Allentown Fair Grounds an ideal place to hold the sale as accommodations are ample, extra good railroad facilities right at the fair grounds. The city of Allentown offers high class and reasonable hotel accommodations, which together with the well known hospitality of the Pennsylvania Dutch people of Allentown and vicinity insures visitors and buyers a good and profitable time.

F. B. Howe, Burlington, Vt., writes: The University of Vermont and State Agricultural College have had a very good "Farmers Week" and they have a fine building where stock can be shown and the good and poor points shown by people that understand them. They had horses, Jerseys and Aryshires, and by request I showed some of the good cows and young bulls from my herd and think I received quite a little favorable comment. I placed the copies of the World where I hope they will do you good. Secretary Houghton sent me some Association advertising matter so you see those present found one man doing something for the Black and Whites.

Harold F. Hubbs, Kirkville, N. Y., writes: Our alfalfa advertisement turned out so well that we have decided to use your paper to advertise our seed potatoes. We believe our potatoes are as good as any seedhouse in the country can offer. As we grow only Sir Walter Raleigh potatoes we are able to keep the stock pure and we plant only selected stock from the highest yielding parts of our fields so that in reality our potatoes are from higher yielding ancestry than is stated in our ad. as in that we averaged total yields.

BONNIE VIEW FARM

THE HERD IS HEADED BY

Spring Farm King Pontiac 5th 103898

His dam and sire's dam average:—

Butter 7 days,	36.17
Butter 30 days,	140.62
Butter 365 days,	1035.75
Milk 365 days,	19662.90
Per cent. fat,	4.21

The highest record son of Spring Farm King Pontiac, who in turn is the highest record son of King of the Pontiacs.

JAMES GIBSON, Prop.
WHITE PLAINS, N. Y.

OTSQUAGO FARM
Offers Yearling Bull, Ready For Heavy Service

SIRE—Earl Korndyke Creamer Boy, one of the very best sons of Earl Korndyke De Kol and from a 28-lb. daughter of Prince Pietertje De Kol.
DAM—Otsquago Princess Ormsby, 23.06 lb. as a senior 2-yr-old; milk 509.6 lb. Color about 2-3 black.
Individuality all that could be asked; a show bull in any company.
Pedigree—In connection with the price will astonish you. For photos and full particulars, address

D. H. SPRINGER, Jordanville, N. Y.

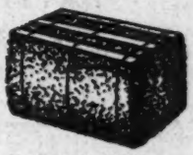
Bed With Baled Shavings

Best absorbent. Cheaper than straw. Improve manure. Shavings are scarce and shipments delayed, but we can serve you a little better than can anyone else. Better get busy with your order.

Oscar Smith & Son ALBANY, N.Y.
(Eastern States,) New England Baled Shavings Co.
ALBANY, N.Y.

CHEAP

Write for Price



SANITARY

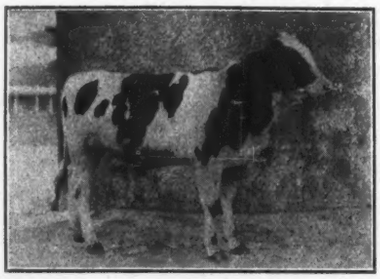
HERE HE IS!

This is Cornucopia Ormsby Lad 144370, advertised in last week's issue. You will remember he was born Dec. 26, 1913, is out of the wonderful 33-lb. cow, Ada Cornucopia Posch, and by Ormsby Korndyke Lad, whose two nearest dams average over 35 lb.

Won't he make a herd sire for somebody?
We don't expect to keep him much longer.
Get busy if you want him.

Davisdale Farm **HARRY B. DAVIS,** CHESTER, N. Y.

Seven Day and Yearly Record Backing We Offer



Duke Pontiac Burke De Kol 125010

A son of the great 26-lb. cow Howland Nina Burke Princess 106888, who has just completed a semi-official year's record of:—

Milk	23,761.80
Butter	925.51

Her dam is a 21-lb. cow with a 30-day record more than four times as large.

THE SIRE—Maplecrest Pontiac De Kol Boy 62238, one of our herd bulls was by **Pontiac Aaggie Korndyke** (10 30-lb. daughters—more than any other living sire) and from a **27.86 lb. daughter of Friend Hengerveld De Kol Butter Boy (4 30-lb. daughters).** These two sires each have 4 daughters with year's records above 1000 lb.. the former having two and the latter three above 1200 lb. No other sire can make an equal showing for either 1000-lb. or 1200-lb. daughters.

The combination of this wonderful work with the great year's record of the dam, we believe can produce nothing but exceptional results.

Duke Pontiac Burke De Kol 125010, was born Jan. 30, 1914, is a splendid individual, and is now ready for service. Here is a splendid value in a herd sire.

COOLEY FARMS Owned by **The City of Cleveland**

Home of the Junior 2-year-old Champion of the World

Address all correspondence to JAMES A. REYNOLDS, Sup't. Warrensville, O.

BEACH & WIRT
BATTLE CREEK MICH.

BEACH SEGIS PONTIAC, whose sire is KING SEGIS PONTIAC

A young sire backed by the following combination of records:

His sire's dam	37.21-lbs. butter, 7 days	Average for 6 nearest dams, 28.78-lbs. butter, 7 days
His dam's sire's dam,	33.31-lbs. butter, 7 days	Average for 8 nearest dams, 27.71-lbs. butter, 7 days
His own dam at 4 years,	28.39-lbs. butter, 7 days	Average for 10 nearest dams, 27.55-lbs. butter, 7 days
Average for the three,	32.97-lbs. butter, 7 days	Average for 12 nearest dams, 26.47 lbs. butter, 7 days
Average for 2 nearest dams,	32.80.lbs. butter, 7 days	Average for 14 nearest dams, 25.51-lbs. butter, 7 days
Average for 4 nearest dams,	29.07-lbs. butter, 7 days	

We will breed a few approved cows for $100 to insure a living calf, or $75 payable at the time of service with the privilege of the season.

We will breed a limited number of cows on shares. Write for our proposition.

KING LUNDE PONTIAC KORNDYKE

HIS FOUR

nearest sires are King of the Pontiacs, Pontiac Korndyke, Hengerveld, De Kol, and Korndyke Queen De Kol's Prince. They are the sires of 404 A. R. O. daughters, 25 with 30 to 44 lb. They each have 1000 lb. year record daughters.

HIS DAM

Lunde Korndyke, one of the finest individuals of the breed, produced 120 lbs. milk in one day, 745 lbs. in 7 days, 10191.9 lbs. in 100 days, 26192.7 lbs. in one year, 30.82 lbs. butter in 7 days, 124.02 lbs. in 30 days, 1090.91 lbs. in 365 days.

The Only Son of King of the Pontiacs Whose Dam Has as Great a Combined Semi-Official Yearly Milk and Butter Record

He is a brother to the only 44-lb. cow and to the only 1000-lb. year record two-year-old and to 28 two-yr-olds that have exceeded the 20-lb mark in 7-day official work. He has 70 young daughters, 40 in our herd. Come and see them and you will realize the great transmitting power of King Lunde Pontiac Korndyke.

When Selecting Your Next Herd Sire

Remember that he is MORE than half the herd. He should be strong, vigorous and of the highest type of individuality, backed by a continuous line of ancestors of the same individual merit, having official records showing a normal persistent production of large quantities of milk and butter. Such qualities insure transmitting power.

WE OFFER six or eight sons of King Lunde Pontiac Korndyke from 9 to 12 mo. old that will please you. They are superior in individual merit and all from high record, persistent producing dams. Some from cows with 25 to 29 lbs. butter, that produced close to 100 lbs. milk per day. We shall be pleased to send you our folder describing them. They are priced very low for quality. An early application will secure one of the best. We also offer some extra good young A. R. O. cows in calf to our great herd sires.

No other herd on earth is headed by two sires, whose dams have as great a combined yearly milk and butter record

E. H. KNAPP & SON P. S. Watch This Space **FABIUS, N. Y.**

E. H. Knapp & Son, Fabius, N. Y., write: In answer to yours just received in regard to advertising the coming year in the World, we accept your proposition to continue another year and will send copy for change of ad. in the near future. Our sales have been good; not a young bull left that is one year old but a splendid nice lot coming on from a few weeks to nearly one year old. The good breeders pick up the Greenwood Herd offerings while young in order to get our kind at the low prices we ask before they are gone. We have no $25,000 prices but we do have splendid individuals of that same high quality in individuality and breeding.

R. E. Chapin & Son, Batavia, N. Y., write: Mr. T. W. Spragus of Battle Creek, Mich., apparently a splendid judge of live stock, was at our farms a short time ago and was greatly pleased with our junior herd sire, King Walker Hamilton, both as to breeding and individuality, and went back to look at him several times. We were pleased to have such a good judge like him so well.

Auray Farms, Sparta, N. J., write: Among other records recently completed at Auray Farms the following may be noted: Segis Pontiac Surprise No. 142806 (a daughter of Sir Pontiac King Segis), at 6 yrs., 7 days, butter 27.50 lbs.

Pleasant Hill Molly Veeman No. 100926 (a daughter of Sir Veeman Hengerveld), at 7 yrs., 7 days, butter 25.20 lbs.

Auray Bawn Hengerveld No. 182717 (a daughter of our senior bull, Mutual Pietertje Paul), at 2 yrs., 7 days butter 17.30 lbs.

Auray Clorinda Pontiac No. 206526 (a daughter of our junior bull, King Segis Pontiac Clorinda, his first to freshen), at 2 yr., 7 days, butter 16.25 lbs.

The above are being continued for 30 days. Our season's A. R. O. work has been very satisfactory—the last three 2-year-olds tested averaging 18.33 lbs. all with first calf.

R. E. Chapin & Son, Batavia, N. Y., write: We are pleased to have advice from Mr. Harry Parker of Edmeston, N. Y., that the young bull which he purchased from us last fall is doing nicely and looks better to him every day.

We are pleased to advise Mr. Parker that the dam of his bull has just completed a jr. 2-yr-old yearly record of 718.4 lbs. of butter and 16,189.9 lbs. of milk. This record would stand in fifth place in the prize list of last year. She also made an 8 mo. after calving record of 14.235 lbs. of butter and 335.4 lbs. of milk.

She is a daughter of Admiral Walker Pietertje whose ten daughters that have completed yearly records average 734.6 lbs. of butter and 16,755 lbs. of milk as 3-yr-olds.

Mr. Parker is fortunate to have a son of such a good yearly producer, and we believe it would be money in the pocket of every breeder that buys a bull out of a cow with a yearly record as these records are sure to command the greatest prominence in the future.

Pietje Alcartra Fayne 88972

Sire's dam—

PIETJE 22d—The greatest imported cow:

Butter 7 days	31.62 lb.	Milk.....673.90
Butter 30 days	128.38 lb.	Milk.....2776.40
Butter 6 mo.	566.60 lb.	Milk.....13673.90

3 A. R. O. daughters.

PIETJE 22d's SECOND DAUGHTER:

Butter 7 days	29.51 lb.	Milk.....584.70
Butter 30 days	117.38 lb.	Milk.....2507.60
Butter 3 yr., 365 da	829.53 lb.	Milk.....19722.90

PIETJE 22d's THIRD DAUGHTER:

Butter 4 yr.	27.58 lb.	Milk.....437.00
Butter 30 days	105.97 lb.	Milk.....1979.00

PIETJE 22d's DAUGHTER:

Butter 7 days	25.19 lb.	Milk.....533.40
Butter 30 days	104.50 lb.	Milk.....2202.20

Do you like this blood? Remember that every calf from Pietje Alcartra Fayne is straight and a show animal in every respect. Service fee $100.00.

Come to Bellows Falls, Vt., Feb. 24, 1915 to the Prentiss & Lovell Sale. Catalogs ready.

J. W. Prentiss & Son **Alstead, N. H.**

CHOICELY BRED BULLS
OFFICIALLY TESTED DAMS
PRICES REASONABLE

Correspondence solicited **WING R. SMITH, Syracuse, N. Y.**

THREE FEMALES FOR SALE

Two three-year-old heifers and one two-yr-old. All well bred, in calf to a bull well lined with 30-lb. blood. Price $700.00.
Four fine young bulls about ready for service. Write and let us tell you about them.

BELVOIR FARM Lake Geneva, Wis.

A BARGAIN

Bull calf—Dam: Lockhart Meta 2d No. 161539. Calf born Dec. 28, 1914. The dam as a jr. 4-yr-old has just made 24.84 lb. butter in seven days and over 100 lb. in thirty days. Calf about half black and half white and a beauty. Sire—The King of the Blacks and Whites, the bull having more 30-lb. records in his pedigree than any other living sire. Price of calf $300.00 crated F. O. B. Solsville. If interested write:

EUGENE LaMUNION, Lockhart Holstein Farm, Solsville, N. Y.

EMBLAGAARD HERD

Sires in service:

Colantha Johanna Champion 45674. The proven son of Colantha 4th's Johanna.

Emblagaard Prince 80596. A son of Segis Walker Pietertje, 27.85 lbs. at 3½ years. His sire's dam, Abby Hartog Clothilde, 31.39 lbs., and dam's dam, Ruby Walker Pietertje, 30.21 lbs., are two of the only 30-lb. cows of the breed that have produced 30-lb daughters, that have also produced 30-lb. daughters.

EMBLAGAARD DAIRY BIG BAY, MICHIGAN

Canadian Cattle are Free of Foot and Mouth Disease and can be shipped into any State

IF IN NEED OF SOME GOOD

Individuals, Cows and Heifers

Come over and inspect our herd of 80 head. Lots of good breeding and with records up to 27.38 lb. Herd sires: Son of King of the Pontiacs and one of the best sons of King Walker and that great cow, Isabella Clothilde Walker (5 A. R. O. daughters, 2 over 30 lb., and 1 son). Butter 7 days, 27.66 lb.; 365 days, 987 lb., milk 22,082 lb. We register all cattle in H. F. H. B. and tuberculin test.

HAMILTON FARMS
ST. CATHARINES, Ont., Canada
Farm 10 minutes trolley from Niagara Falls.

CHENANGO VALLEY STOCK FARM

Herd headed by
PRINCE RAG APPLE KORNDYKE, No. 73415
Sire— Pontiac Korndyke.
Dam— Fairview Rag Apple Korndyke.

WHITMAN A. FOLLETT NORTH NORWICH, N. Y.

A SERVICE BULL

By the great 30-lb. sire, Prince Ybma Spofford, and from the 16-lb. 2-yr.-old, Lunde De Kol Butter Girl, who was by a 28 lb. son of De Kol 2d's Butter Boy 3d, and from a 21-lb. 3-yr.-old daughter of Korndyke Queen De Kol's Prince.

The bull was born Nov. 22, 1913, and is a nice individual. A splendid bull at a reasonable price. J. J. LARABEE, Demster, N. Y.

2---Ready for Service---2

Sired by King Cornucopia Sadie Vale No. 83371. Look at his cut in Jan. 30 issue. His sire is Aaggie Cornucopia Johanna Lad Jr., the greatest prize winner and sire of prize winners of the breed. He now has 37 A. R. O. daughters.

King Cornucopia Sadie Vale's dam is Sadie Vale Pietertje, A. R. O. at 5 years, 73 days after calving, 33.21 lb. butter in 7 days, 136.21 lb. in 30 days, 104 lb. milk in one day, 702 lb. milk in 30 days, 2941.9 lb. in 30 days; in one year 1050.70 lb. butter, 21446.80 lb. milk. She has a 3-yr-old daughter A. R. O. 25.13 lb. butter in 7 days. A ¾ sister made 1041 lb. butter in 30 days, 24190 lb. milk in one year (World's Milk record). King has sister that has just made 28.25 lb. butter in 7 days. She has two daughters that average 29 lb. butter in 7 days.

No. 1—KING CORNUCOPIA DROSKY. Born Feb. 1, 1914; well grown; 2-3 white. His dam and sire's dam average 30.80 lb. butter in 7 days, 112.40 lb. in one day. His dam made 121 lb. milk in one day, 747 lb. in 7 days.

No. 2—KING CORNUCOPIA SADIE. Born Jan. 1, 1914; fully ½ white. His dam and sire's dam average 27.51 lb. butter in 7 days, 113.17 lb. butter in 30 days. Average one day's milk record, 107.50 lb. His dam gave 111 lb. milk in one day.

These two bulls carry 50 per cent of the blood of Aaggie Cornucopia Johanna Lad Jr. They are fully as good individuals at the same age as their sire and grandsire. They are closely related to all the animals whose cuts appeared in the issue of Jan. 30-Feb. 13.

Mr. Breeder—If you like the looks of these animals, get a bull that will breed some like them. If you have sloping animals, get one of these bulls to straighten out the offspring. If you have nice, straight animals, get one of these bulls to keep them straight. They have been bred right for generations. They have been bred for large milk and butter records for gnerations. Their ancestors have won many prizes at the leading fairs of the world. The herd numbers 75 animals; every one straight as a line; all closely related to the cuts in the Jan 30 and Feb. 13 issues. If you want a bull that will give satisfaction, write for tabulated pedigree.

M. S. NYE, Preble, N. Y.

Address by F. E. Duffy of Connecticut, before Massachusetts Farmers

To assist in getting the right start with a good dairy herd I will briefly touch upon five points; The indications of constitution, capacity, nervous temperament, blood circulation and ability to produce. Constitution is indicated by the large open nostril, large windpipe, depth from the top of the shoulder to the floor of the chest and breadth of chest. These indications must be possessed by the cows close up in our bull's pedigree if he is to be the progenitor of a great herd of dairy animals. The mother of our bull and the grandmothers as well have capacity to digest large quantities of food and not destroy their future usefulness.

It is not enough that these cows have done a good year's work, but can they repeat the performance for a period of years? She should have a large mouth and of equal importance, width, depth and strength of jaw. She should have a long, broad deep barrel, though length is not of as great importance as breadth and depth. She should have broad, flat well sprung ribs. But of more importance than these indications is that indefinable thing that judges call quality, and here the eye failing, the judge of the dairy cow must determine by the feel of the texture of the hide and hair, on whether the cow has the strength and efficiency to digest her food. Look well to these indications.

The cow must have a strong nervous temperament if she is to digest her food and secrete the milk necessary to make her a profitable animal. The large, bright, prominent, placid eye, and the intelligent expression indicate this nervous temperament. The spinal processes should be open and free from fat, not large but sharp and clean cut. The hips and ribs should also be free from fat, sharp and well defined. Nervous temperament must not be overlooked. Sit around and watch her for half an hour if you are thinking of buying her son. See that she is ever at her work and possesses a strong nervous temperament.

The mammary veins and milk wells are best indications of a strong circulation. The veins should be long, large and as tortuous as may be. If they enter the abdomen through many milk wells so much the better. The milk wells should be large and clean cut. Study well the ability of the mother and grandmother of your bull, as indicated by the udder and its attachment. Insist on the large, broad, spherical udder running way to he front and attached high in the rear and level on the bottom. Avoid the

pendent and tilted udders. The thigh must be thin and incurving to give room for that breadth of udder so necessary to secure the requisite size. You should see the cow milked to make sure there is entire freedom from hard, fatty tissue, and that the quality and texture are all that is to be desired. In brief, the udder should be uniform and symmetrical, spherical and the quarters smoothly joined, with four easily milked teats of good size on each corner. Do not forget to demand size and remember that the udder cannot be attached too high in the rear, having too great breadth or run too far to the front. If the mother of the bull possesses all these qualities in a marked degree, she should be a comely matron and if she has grace and beauty she is worthy to be the mother of our bull and possibly we might excuse the grandams if they were only fairly good in some of these points, but any marked weakness in any of these points should be sufficient to cause us to reject the bull himself and look farther for the dairy sire.

The pedigree of the bull being satisfactory what shall we demand of him? He should conform to the breed type as indicated by the score card. He should possess the refinement and form of the dairy cow as far as may be and possess strong maculinity. But do not let us confuse ugliness or beefiness with masculinity. He should have all the indications of constitution, capacity, nervous temperament, well marked mammary veins and milk wells, with as large and well placed rudimentaries as it is possible to get. He should possess majesty, beauty, power and be every inch a king, and never forget to render to him the homage that is due a king. But you say I have not mentioned his sire and grandsire. I have not because I believe I should be inclined to greater leniency in judging them than in judging the cows. But I should require of them the same individuality sought for in my dairy sire.

Having selected my herd bull, I would next look for my females to mate with him. I would, if possible, select two or more registered cows or heifers, animals possessing constitution, capacity, nervous temperament and the indications of circulation and ability if heifers. For these qualities are stamped on the calf if possessed in a strong degree. And, above all things, see to it that your heifers or cows are sired by a great bull, as the daughters of a sire inherit his excellencies or defects with almost unfailing accuracy. If my capital was limited (and the breeders on the small farm I am most interested in will have

MOYERDALE HERD

Headed By King Lyons the Successor of the Great King Segis

Moyerdale Farm the home of the greatest producing cows of the Black and White Breed. Moyerdale Farm the home of the great King Segis, the greatest sire and grandsire of his generation

85 Officially Tested Daughters, seven of them greater than 30 lbs.

Over 500 Officially Tested Granddaughters, eight above 30 lbs.

I have 25 of King Lyons' daughters that will freshen during the coming winter. They are the finest and greatest bunch of heifers that I have ever raised, and I am expecting great results from them.

It is a good time to buy a son of King Lyons before these daughters are tested.

I have but a few of his sons left to offer for sale.

H. A. MOYER, Syracuse, N. Y., WM. B. SIMPSON, Supt.

MANY 30-LB COWS

Are not profitable year round producers. If you want a herd bull backed by several generations of heavy milking dairy cows as well as by official records and well bred sires, write to:—

THE HOLSTEIN-FRIESIAN BREEDERS' ASSOCIATION OF CHESTER CO.
PHILIP M. HICKS, Secretary AVONDALE, PA.

Marble Valley Stock Farm

Offers bull calf born Nov. 16. Sire—Fairview Korndyke Lad, son of Pontiac Korndyke and Pontiac Pet 37.68 lb.

Dam—An 18.66 lb. jr. 2-yr-old granddaughter of Pontiac Korndyke; her sire a full brother in blood to Pontiac Clothilde De Kol 2d 37.21 lb. 7 days; 1271 6 lb. 365 days.

Calf is 4-5 white; a dandy, and guaranteed to please. Price $100 if taken at once.

ROBERT F. MEAD, West Rutland, Vt.

Riverside Stock Farm

Offers for sale bull born May 15, 1914

Sire—King Pontiac Boon Lilith, No. 106026, son of King of the Pontiacs from a 30-lb. daughter of Lilith Pauline De Kol's Count. One of the best individuals and best bred sons of King of the Pontiacs.

Dam—Edith Prescott Pontiac, No. 123450. A. R. O. Record.

Butter 7 days	25.17 lb.	30 days	101.5 lb.
Milk " "	423.5 "	" "	1728.8 "
Average fat	4.7%	" "	4.7%

At 2 yrs. 3 months (World's Record when made).

Butter 7 days	28.01 lb.
Milk " "	502.0 "
Average fat	4.46%

At 4 years 2 months.

She and her junior 2-year-old daughter, Edith Prescott Pontiac 3d, hold the World's 2-year-old record for mother and daughter; their records averaging 23.66 lb. butter as junior 2 year-olds.

Edith Prescott Pontiac is a granddaughter of Hengerveld De Kol and Aaggie Cornucopia Johanna Lad.

Calf is light in color, straight on the back and is a fine individual in every way.

Write for pedigree and prices.

A. W. BROWN & SONS
West Winfield, N. Y.

HORTONDALE HERD

Offers a bull calf with 31-lb. backing at a reasonable price. His sire: Dutchland Sir Colantha Korndyke No. 65296, whose dam and both grandams average 32.24 lb. butter in 7 days, 123.85 lb. butter in 30 days. He is a son of Colantha Johanna Lad, who is living up to his reputation as a son of the only cow that has ever held the World's Records for every period from one day to three hundred sixty five. His dam, a daughter of Sir Korndyke Manor De Kol, is one of the few 31-lb. cows having a 30-lb. dam.

His dam: Miss Corona De Kol Pietertje 2d, No. 120139, with an A. R. O. record of 31.13 lb. butter in 7 days. Her dam, Miss Corona De Kol Pietertje, has A. R. O. record of nearly 21 lb. in 7 days.

Calf: Born Dec. 13, 1914. This calf is a fine individual, somewhat more white than black and very nicely marked. He is a large growthy fellow straight right out to the tail, and deep bodied. A real show animal. Price $1000.

The herd is under government supervision for tuberculosis, and is free from that disease.

Address all correspondence to

Sidney D. Horton, Prop., Salamanca, N. Y. **Seymour A. Martindale, Supt., Great Valley, N. Y.**

NORTH STAR HERD

Home of SIR BEETS CORNUCOPIA NETHERLAND 38460
JOHANNA BONHEUR CHAMPION 94984

All our milking females are carried in semi-official yearly test under normal conditions.
Our show ring records have never been duplicated.

INDIVIDUALITY PRODUCTION BREEDING

We have for sale a few bull calves representing this combination. They are winners by right of inheritance.
Inspection is welcomed

W. S. MOSCRIP, Lake Elmo, Minn.

A REAL HERD HEADER

Sire—Beauty Pietertje Butter King Jr., whose two nearest dams average 31.73 lb., and who closely combines the blood of three of the four series of "3 generations of 30-lb. cows," his own dam being the only 32-lb. cow to have a 31-lb. daughter that in turn has a 31-lb. daughter.

Dam—Ruby De Kol Burke 2d (28.48 lb. butter, 584.6 lb. milk at 4 years), who was by Sir Korndyke Manor De Kol, and from a 25.69-lb. daughter of De Kol Burke.

This young bull was born in March 1914, and is a fine individual, nicely marked. His four nearest dams average 29.2 lb. Send for pedigree.

Wm. Hunter HUNTER BROOK FARM Fulton, N. Y.

26.36-lb. Bull for Sale

Born Nov. 13, 1913.

Color more white than black. A show animal

Sire—A brother to 30-lb. 3-yr.-old.

Dam—24.93 lb. butter. Price $175 F. O. B. Waterville, N. Y. or will exchange for heifer calf of good breeding. Satisfaction guaranteed. Herd sire—King Walker Segis 2d, 102844, who was by King Walker Segis (a son of King Walker from a 28-lb. 3-yr.-old daughter of King Segis and Beauty Pietertje, 30.51 lb.), and from Betta Lyons De Kol, a 27.7-lb. daughter of the 34-lb. cow, Blanche Lyons Netherland.

Born November 1914—3 20-lb. bulls by King Walker Segis 2d 90% white. Price $50.

W. H. CANDEE

Green Ridge Farms **WATERVILLE, N. Y.**

small capital to commence on) I would secure 10, 20 or 30 good grades of big capacity and ability, with all the other points of excellence that grades can be found to possess. I would keep 10 or 20 cows, etc, as these are the numbers that one or two or more men can care for. Having selected or retained a herd of cattle, for many times it is much better to retain grades of known profitable production rather than to risk the hazards of purchase, it is now necessary to consider from a broader standpoint how to establish a registered herd of the best quality.

We must remember that a great producing animal is the product of wise selection, good environment and skillful feeding. It is folly to attempt to breed a great herd of cattle without a good cow home to put them in. Sunlight and pure air are as free as the grace of God and they are just as necessary to the uplift of the bovine family as the latter is for the improvement of the human family. The laws of New England are stringent to enforce the access of light, and so also are they to enforce ventilation. But if our herd is to be healthy and productive, our stable must be well ventilated and free from odors. The King system of ventilation is best. It is simple, cheap and can be put in any stable. Muslin ventilation comes next. Every stable should be as well lighted as the living room of the family.

The old farm stable can be made comfortable and sanitary and if we have skillfully selected our herd, it will pay for a better one as the years pass. The good dairy cow should be well fed from the day it is born until it has finished its life work. I leave the calf with the cow for five days, until the mother's milk is fit for use. I then give one quart of milk diluted with one pint water three times daily for five more days and then feed two quarts milk diluted morning and evening for three weeks. During the next week skim milk is substituted for the whole milk. For the first three or four feeds. I sweeten the milk with two tablespoonfuls of granulated sugar, so that the calf may learn the more readily to drink. The calf should be given grain and hay as soon as it will take them. The calf should have all it will take of these until it is a year old. The hay should be rowen or early cut fine hay, preferably clover, or alfalfa after the calf is six months old. There are many excellent mixtures of grain. For the next six months the heifer should consume a large quantity of good hay and four pounds grain per day, if not on excellent pasture. If bred to freshen at two years of age, the heifer should

Tidy Abbekerk Prince No. 37770

The **greatest transmitting sire** of the breed! 64 A. R. O. daughters, 5 of them making over 30 lbs. butter in seven days, in less than that many months.

Tidy Abbekerk Princess Gretel,	32.30	Tidy Abbekerk Princess Alche ¾ udder,	30.30
Tidy Abbekerk Princess Jewel,	31.70	Tidy Abbekerk Princess Pauline, 4 yr.	30.27

Tidy Abbekerk Princess Bettina, 30.13

His dam, **Tidy Abbekerk** "The Canadian Champion" is one of the best producing and greatest transmitting cows that ever lived who has transmitted her wonderful individuality to all her descendants. Her record of 27.29 was the 5th highest in the world at the time it was made and was the highest Canadian record for many years.

This great record was made under normal, everyday conditions, as the cow was dry but six weeks and was handled by a man who at that time was inexperienced.

Time flies Eventually you will want some of the blood of this great bull. **His daughters are not for sale at any price.**

There are two ways to obtain some of his blood: Engage a bull calf from one of our good cows, or breed a few cows to him.

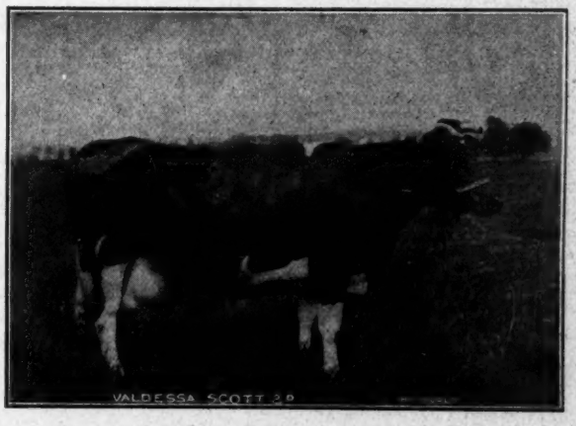
Service fee **$100.00.**

SEND for PEDIGREE and PHOTOGRAPH

HENRY LATHROP & SONS
Sherburne, N. Y.

STEVENS BROS. COMPANY
Liverpool, N. Y.

You Know Me



Yes, I am Valdessa Scott 2d, No. 72311.

My A. R. O. records are, at 8 years, butter 41.88 lb. 7 days and 164.24 lb. 30 days. At 10 years 37.49 lb. 7 days and 142.49 lb, 30 days. I am the dam of

King Valdessa No. 137495

the greatest bred young bull of the breed. These are my five living daughters. They are a business lot. They are as follows:

Valdessa Ormsby De Kol No. 140444.	Butter, 7 days,	32.98 lb.
Valdessa Ormsby 140443.	" "	24.79 "
Valdessa Clarkhurst Pietertje No. 96583.	" "	21.56 "

Finderne Valdessa Pontiac No. 184477 has not freshened.
Finderne Valdessa Korndyke 235675 has not freshened.

My grandsons and granddaughters make a large family.

Now, Mr. Reader, if you are in want of anything in Black and Whites, you had better write the owners of the famous Valdessa family for prices, etc. Address

SOMERSET HOLSTEIN BREEDERS CO., Somerville, N. J.

Son of Pietertje Hengerveld Segis

The famous 33-lb. son of King Segis, from the best daughter of Pietertje Hengerveld's Count De Kol and Blanche Lyons.

The dam

Maple Ridge Ormsby 103576, (24.09lb.) who was by a 23-lb. son of Duchess Ormsby Butter King, and from a 27-lb. daughter of a 27-lb. cow. The **grandam** has a semi-official year's record of **1100.3 lb.** butter, **28,436.10 lb.** milk.

This young bull was born April 14, 1914, is about evenly marked a splendid individual, and with a pedigree difficult to improve upon Write for complete information.

H. C. SWARTOUT, Terracelawn Farms
Hartwick Seminary, N. Y.

ROYCE STOCK FARM

Offers extra good bull calf at a bargain. Calf born Sept. 23, good size and in fine condition, handsomely marked. Sire, Changeling Abbekerk Prince, the good son of Tidy Abbekerk Prince who has 64 A. R. O. daughters, 5 over 30 lb. His dam is a 22.85 lb jr. 4-yr-old daughter of Changeling Butter Boy, who has over 60 A. R. O. daughters, one over 31 lb. and is a son of Pontiac Butter Boy and Changeling, 29-.23 lb., the first cow to produce 100 lb. milk in one day and has a daughter which made a larger record. Dam of calf, Johanna Netherland Jewel (18.85 lb.) 13550 lb. milk in 10 mo. She has 3 A. R. O. daughters who average 16.53 lb. in 7 days, average age 2 yr 7 mo. Write for pedigree and prices.

F. W. Royce — Berkshire, N. Y.

SONS OF HERD SIRE

Uneeda Korndyke Abigail Boy 102287

He is son of the 33-lb. cow, Uneeda Korndyke Abigail, "Best cow owned in the herd of John Arfmann." She is daughter of the 40-lb bull, Johanna McKinley Segis, son of King Segis.

Offer No. 1—Bull born in June from a 24½-lb. cow.
Offer No. 2—Bull born in March from a 20-lb. cow.
Also a number of younger cows.

HENRY ANTHES, Jefferson, Wis.

OUR HERD SIRES

KING PONTIAC JEWEL 55753
(6 years old)

By King of the Pontiacs and out of a 25.65-lb. 3-yr-old daughter of Hengerveld De Kol. His 13 A. R. O. daughters average 3.78 per cent butter fat and include:

Locust Grove Jewel ...3½ y 23.18
Clothilde Jewel Pontiac ...3 y 21.28
Pauline Pontiac Jewel ...2 y 21.03

PIETERTJE HENGERVELD SEGIS 44781
(8 years old)

By King Segis and out of Blanche Lyons De Kol 33.31 lb. daughter of Piet. Hengerveld's Count De Kol and Blanche Lyons, who has 4 30-lb. daughters. His 42 A. R O. daughters include:

4 4-yr-olds that average 27.01 lb. each
4 3-yr-olds that average 26.46 lb. each
11 2-yr-olds that average 21.30 lb. each
and all above 20 lb. each.

FOR SALE—At right prices—choice bull calves, also two fifteen months old, ready for use. Also will offer a few young cows and heifers.

Write, or better, call at the farm.

W. C. Hunt, Fayetteville, N. Y.

Farm right on trolley line, half hour from Syracuse. Bell 'phone. Choice alfalfa hay in ton or car lots.

have an increase of grain. I gradually increase the grain from four to eight pounds when the heifer is 18 months old and up to 10 days before calving. If there is any sign of caked udder or fever I give a pound of epsom salts three or four days before calving, I use the same treatment for cows about to calve.

Remember that the heifer carrying her first calf should have all the feed she needs and of a highly nitrogenous nature; for this reason I would use silage only once a day, but would prefer beet pulp or roots. The hay should be clover or alfalfa if obtainable, but if not, early cut fine hay should be fed a growing heifer, calf or dairy cow. The quality of a dairymen or breeder may be very accurately rated by the quality of the hay that he feeds.

What to Feed Dairy Cows

Hay for a dairy herd should be stored by July 10, and preferably by July 4. Hay stored later should only be used to feed horses or oxen. I hesitate to discuss the feeding of the milch cow, as in our state, at least, there seems to be such a wide belief in a few simple glib rules that work fairly well, and if taken at their true value would be of considerable aid in feeding.

A cow, in my opinion, can no more be fed by rule than can a man. The balanced ration, the number of pounds of grain to the number of pounds of milk, when to feed and how to feed all admit of such variations as the skillful feeder only can apply. I shall offer no dairy rations, but say that the feeder who cannot prepare a balanced ration at a moment's notice is ill prepared for his work, and, futhermore, the feeder who will not narrow or widen the ratio of the rations as the cow indicates the need thereof by putting on flesh or losing flesh, has not acquired that skill in feeding that might be his for a reasonable effort. In a word, learn all the rules of feeding you may, but always test them out on the cow. If the evidence given by the cow contradicts the rule, believe the cow every time.

The skilled eye and hand of the successful breeder and feeder is the thing to be sought; also knowledge of the nutrients as aids in the selection of feeds. On one point all skillful feeders will agree. That the value in feeding of the quality of the coarse forage cannot be overestimated. Grain cannot take the place of early cut, well cured alfalfa, clover or rowen hay, and the quality of properly cured silage is of almost as much importance. Roots, especially beets, tone up the digestive organs to do their most effective work.

My experience is that the narrow

ration is the more efficient, but an easily digested carbohydrate is added frequently, and if results are obtained it is retained for a few weeks and then withdrawn and results watched. During extreme cold weather a quart of hominy or cornmeal can be added to advantage and then dropped when the weather moderates. The hair and hide of the cow are the first index of overfeeding. The skillful feeder notes his cow and prevents a breakdown.

If our young breeder will care for the registered bull and females, study their needs and retain their increase, adding to them another heifer or two as soon as he is able; study and reflect on their care and as Josh Billings has said, emulate the merits of a postage stamp in sticking to one thing, he will live to bless the day that he began to breed registered dairy cattle.

HOW TO MAKE SIXTY-TWO CENTS A HUNDRED ON MILK

One of the most difficult things to impress upon the average farmer is the difference in the cost of producing milk between good cows and poor cows. It is mighty hard to get it stuck in their minds so that it will move them to take hold of the work of improving their cows.

The other day we were reading the report of a county agent in Jefferson county, New York, on the results of his cow testing work. He found the ten best cows produced milk at a cost of 39 cents a hundred pounds. The ten poorest cows produced it at a cost of over a dollar a hundred pounds or, to be exact, $1.01. Now that is a difference of 62 cents a hundred.

Suppose some creamery, cheese factory, condensery, or milk dealer would increase his rate 62 cents a hundred? Wouldn't there be a quick movement of milk in his direction? The dullest man in a community could understand that. Think of it! "Sixty-two cents a hundred. Of course he will get our milk." What enthusiasm they would manifest! What lots of feed they would buy to increase the milk flow!

Well, what is the difference, whether you get it one way or the other? Show a man how he can save 62 cents a hundred in cost of production and he loses all interest. Show him where he can keep poor cows and get that much more for their milk and he is wild for it. Don't you see that the great hindrance towards better cows is the man of it, the human nature part of the problem?—Hoard's Dairyman.

Find inclosed one dollar for subscription of your paper which I value very highly. L. T. Stone, Mills, Pa.

LOOK HERE ! !

FOR A HERD SIRE

Sire—A 33-lb. son of Pontiac Korndyke.

Dam—A 26-lb. daughter of King Segis.

Born Dec. 6, 1914; evenly marked and a nice one.

Can you beat this at any price? Certainly not at our price.

For complete information address

HUGH J. DAVIS, Broadalbin, N. Y.

Maple Ridge Herd

Yearling Show Bull---Ready for Service

Dam a 21-lb. cow and a first prize winner.

Sire—De Kol Paul Cornucopia King, the best son of Aaggie Cornucopia King, the best son of Aaggie Cornucopia Johanna Lad Jr., and a full brother to World's Champion 2½ and 3½ -yr.-o'd milk producer.

Breed the kind the public is demanding—good individuals, with plenty of milk production

D. W. WRIGHT

LAKE VIEW FARM **CAMBRIDGE, N. Y**

KING SEGIS PATENT LOCK

Ear Tags, Bull Staffs and Bull Rings

Description and prices of all sent on application, including samples of ear tags. 300,000 of these tags have been sold without adverse criticism. 500 of these Bull Staffs are in use by the best breeders in the business.

Please mention this paper when writing to advertiser

H. A. MOYER, Syracuse, N. Y.

HOMEWOOD FARMS

RYE, NEW YORK

The 2-year-old bull we offered recently has been sold.

We now offer the following young bulls Ready for Service.

1. Born Sept. 28, 1913. Sire—Prince Ormsby Beets, No. 71712. Dam—Gretchen Hengerveld Pietertje, No. 79405.
2. Born Oct. 13, 1913. Sire—Prince Ormsby Beets, No. 71712. Dam—Netherland Nemesis De Kol 2d Lass No. 129936.
3. Born Dec. 22, 1913. Sire—Prince Ormsby Beets, No. 71712. Dam—Blanche of Stony Ridge, No. 154569
4. Born Nov. 1, 1913. Sire—Dummerston 36, No. 105043. Dam—Londonderry Allons Lyons, No. 131426.

These bulls are all well bred and splendid individuals. We hope to give their dams records in the near future.

The dam of Prince Ormsby Beets, **Manor De Kol Lady Burke 3d, No. 79931,** has an A. R. O. record of 24.81 lbs. He is by **Paul Beets Colantha, No. 48269,** who has 12 A. R. O. daughters, one with a 30-lb. four-year-old record.

Dummerston 36 is by the great **Admiral Walker Gelsche, No. 44227.** His dam is a three-quarter sister of the dam of the World's record cow.

Admiral Walker Gelsche, is our Senior Herd Sire.

Herd regularly tested for tuberculosis.

Richard T. Wainwright, Rye, New York

A Son of Sir Veeman Hengerveld

Cannot fail to be good property, for if he is simply kept a year or two he will be worth more than the original cost, owing to the records continually being made by his relatives, (see our ad. last week), to say nothing about the superlative quality of his offspring—for sons of Sir Veeman Hengerveld **make good.** One of them has just produced a 31-lb. daughter.

Here is one of his sons just about ready for service:

SIR VEEMAN HENGERVELD 16th

is his name, and he was born April 7, 1914. He is a good individual (that's the only kind we breed) and well grown. His dam, a 22.94-lb. 3-yr.-old, is a granddaughter of that wonderful foundation cow and producer, Sadie Vale Concordia (30.64 lb.), the first 30-lb. A. R. O. cow. She comes of good breeding on both sides and is a splendid producer, averaging over 4 per cent for both 7 and 30 days.

Sir Veeman Hengerveld 16th is a bull of the right sort, and will be sold at a right price.

Address,

W. D. ROBENS Pleasant Hill Herd Poland, N. Y.

SPRING FARM HERD

OFFERS

Sons of the $15,000 44-lb. bull

SPRING FARM PONTIAC CORNUCOPIA No. 77 172

One born January 1, 1915; largely white; a faultless individual.

The records of his dam at 2 years, both grandams and three other near dams average for the six, 34.15 lb. His two grandams, Tweede White Lady and K. P. Pontiac Lass, records average for 7 days, 40.81 lb.; for 30 days, 160.71 lb.; for 60 days, 293.80 lb.; for 90 days 411.73 lb.; for 100 days, 449.73 lb. This bull is in a class by himself.

FRANCIS M. JONES

CLINTON ONEIDA CO. NEW YORK

King Pontiac Alcartra Johanna

A son of the **$50,000** bull, King Segis Pontiac Alcartra, from the wonderful 34-lb. cow, Manor Johanna Pietertje Lady

who comes of 40-lb. breeding on both sides and is backed for generations by A. R. O. record ancestry. The records of his dam and the three nearest dams of his sire average, **butter 7 days—33.43.**

If you want to share in the most popular breeding of today breed a few cows to King Pontiac Alcartra Johanna.

Service fee to insure approved cows only $100.00 Send for pedigree.

D. D. DECKER & SON

Picnic Grove Dairy **South Dayton, N. Y.**

HE LEADS THEM ALL

For seven years we have been telling our friends, the Breeders, that the time would come when King of the Pontiacs, our leading herd sire, would lead in respect to number of A. R. O. daughters. Today, December 12, 1914, he has 122 daughters that have qualified for the Advanced Registry, thus surpassing his nearest competitor, Lord Netherland De Kol (121 A. R. O. daughters) who in turn won the title of Premier sire of the Holstein Breed from Hengerveld De Kol (116) the maternal grandsire of King of the Pontiacs.

Now, as a nine-year-old bull:—

King of the Pontiacs leads the breed in respect to number of A. R. O. daughters.

He leads by being the sire of the Champion Cow, K P Pontiac Lass, the only 44-lb. cow in the world.

He leads by being the sire of four daughters that each have records of over 30 lb. butter in seven days made at second calving, something no other bull has.

He leads by being the sire of the only two-year-old heifer that ever produced 1000 lbs. butter in a year's semi-official test.

He leads by having more two-year-old daughters that have made 20 or more pounds butter in seven days than can be shown for any other bull.

He leads by being the only sire that has 100 or more A. R. O. daughters whose sire and grandsire each have 100 or more daughters in the Advanced Register.

He leads by having greater prospects than any other sire of his age. If you saw the splendid array of heifer calves, yearlings and two-year-old heifers, not yet fresh sired by him, in our stables, you would agree with this statement.

His sons and grandsons inherit this wonderful producing blood. They make **profitable herd-headers.** Come and see them at

STEVENS BROTHERS COMPANY, Liverpool, N. Y.

Complete Dispersion of the Riverview Farm Herd

Ferry, Wash.

115 HEAD OF THE FINEST SHOW ANIMALS

EVER OFFERED IN PUBLIC SALE

This herd made the sensational clean-up at the Chicago International, Waterloo, Iowa, and Pacific coast fairs in 1912, winning practically all of the first and championship prizes. If you wish to have a successful show herd, this sale presents a splendid opportunity to procure the necessary animals, to make your herd complete.

Remember most of the first prize animals were retained by the Riverview Farm, and with their offspring will be offered at

Public Auction on the State Fair Grounds
APRIL 15th, at North Yakima, Wash.

Write now for catalog, but please do not request same unless you are expecting to attend sale.

GEORGE A. GUE, Sale Mgr.

Auctioneers—LINBARGER & GUE **NORTH YAKIMA, WASH.**

30-LB. BULL FOR SALE

Born—June 15, 1914.
Grand individual, three-quarters white, extra well grown (nearly ready for service).
Sire—Sir Woodcrest Korndyke Kate De Kol 36366—16 A. R. O. daughters that average 25 lbs.
Dam—Lieuwkje Pauline De Kol Wayne 60667. Butter 30.47 at 10 years. 3 A. R. O. daughters.
One 6 yr. old, butter 36.15.
One 3 yr. old, butter 25.77.
One Jr. 2 yr. old, (twin) butter 22.98.
All full sisters to above bull.
A few young bulls from 23 lb. 3-yr-olds to 32 lb. 4-yr-old dams.

A. R. OWEN Maplewood Farm Box 283 Goshen, N. Y.

BULL CALF, Born February 24, 1914

Sire—Premier Pontiac, son of Pontiac Korndyke and Sadie Pontiac Korndyke, 102.4 lb. milk in 1 day, 687 lb. milk, **29.56 lb.** butter.
Dam—Dot Fayne **26.68 lb.** butter. Calf is light in color and good individual. Write for pedigree and price today

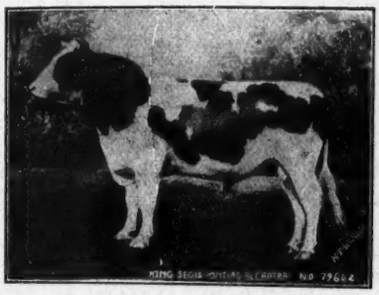
F. H. THOMSON & SON, Holland Patent, N. Y.

A BULLY BUNCH

1 four-year-old grandson of Pontiac Butter Boy, out of a 27-lb. dam.
1 three-year-old **grandson of Pontiac Korndyke,** out of a 31-lb. dam.
8 bulls ready for service.
10 bull calves, from two weeks to eight months old.
2 two-year-old heifers due to freshen in the spring.
Let me sell you your next bull, **won't you? Yes.** Thank you, and I will expect to hear from you or see you soon. Don't wait until you need him, for the one you want may be gone then.

L. E. CONNELL, FAYETTE, OHIO

KING SEGIS PONTIAC ALCARTRA 79602



We haven't any sons of King Segis Pontiac Alcartra at the present time to offer you.

We have, however, a young son, dark in color, sired by the $25,000 bull.

JOHANNA McKINLEY SEGIS

whose dam is the $7,000 20-lb. cow Johanna De Kol Van Beers.

The calf's dam,

PONTIAC KORNDYKE MAID, 33.76 LB.

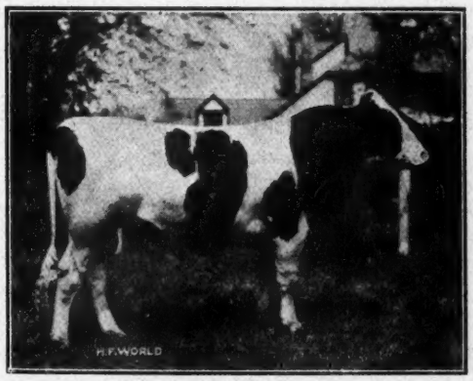
butter in 7 days, is one of the best daughters of Pontiac Korndyke, and her dam was the 20.51 lb. 9½ yr-old cow, whose sire was a son of the former World's Record cow, Alta Posch, 2½ years, 27.08 lb. butter. Third dam, on the dam's side, a 20.71 lb. daughter of Paul Beets De Kol, who was also the dam of 3 A. R. O. daughters from 20 to 27 lb., and the 4th dam, on the dam's side, a 15-lb. 3½-yr.-old who was the dam of 7 A. R. O. daughters.

This calf's three-quarter yearling brother brought $12,500 at the Dollar Sale.

Write us for his price for a quick sale.

LAWSON HOLDING CO., Inc.

LA GRANGEVILLE, DUTCHESS CO. NEW YORK



King Korndyke Colantha Ormsby

Woodlake & Clover Farms

Will You Consider

HEADING YOUR HERD with a straight, long, well-bodied, handsomely marked, young bull of splendid type and finish?

A son of **King Korndyke Colantha Ormsby No. 96546** who combines in closest relation the world's record cows, Pietertje Maid Ormsby, Colantha 4th's Johanna, Grace Fayne 2d's Homestead, Pontiac Pet and Pontiac Clothilde De Kol 2d, the blood of the highest priced bulls on record.

Or a son of **Sir Korndyke Hengerveld De Kol No. 41266** that would give you type and production of the Hengerveld De Kol, Pontiac Korndyke and Sir Ormsby Hengerveld De Kol combination.

Or a son of **Maplecrest Butter Boy De Kol No. 94156,** who is a seventy-five per cent brother of Banostine Belle De Kol, the greatest dairy producer to date.

Sons of these bulls, fine, strong individuals, from two to sixteen months old, out of Advanced Registry cows of richest breeding, some with records of thirty to thirty-five pounds of butter in 7 days, and of most popular breeding, will give any herd a standing for production, constitution and high individual merit. COME and SEE THEM. Our prices are reasonable.

Two and one-half miles from the Minneapolis City Limits, on Lyndale Ave., South. Irwin Station on the Dan Patch line.

JOHN B. IRWIN - Station F, Minneapolis, Minn.

Another $1,000 to be Given Away

The $1,000 futurity offer for the 1915 daughters of Spring Farm King Pontiac 6th, will be repeated for his 1916 daughters.

This is the offer for his this year's calves: we will pay $1000 in prizes to the owners of the four best daughters of Spring Farm King Pontiac 6th, born between December 31, 1914 and January 1, 1916. These heifers must at no time after their birth be owned by us and must be officially tested, calving before they are three years old.

The $1,000 will be paid as follows: $500 00 for the largest seven days A. R. O. record made by a daughter of Spring Farm King Pontiac 6th, with first calf as a two-year-old; $250.00 for the second largest record; $150.00 for the third largest record and $100.00 for the fourth largest record.

All competing heifers must be born during the year 1916. No heifer owned by us at any time after birth is eligible to compete. There is no entrance fee of any kind and no strings to this offer. All that is necessary is to write entering your calf within thirty days of its birth giving date of birth and name and number of her dam. Supt. Gardner's reports will be the basis upon which the prizes will be given and will be final. The prizes will be paid to the person owning the calf at time of entry, unless we are otherwise instructed, no matter who makes the record. They must be sired by Spring Farm Pontiac 6th.

This is the offer: We have been asked why we are doing it. The principal reason is to insure the proper growth, development, conditioning and official testing of the daughters of Spring Farm King Pontiac 6th not owned by us. Then, too, many buy good cows in calf to a great sire in hopes of getting a bull calf for use in their own herd. This futurity for daughters of Spring Farm King Pontiac 6th, gives them a chance to win either way. The calf if a heifer, will usually be worth all her dam cost but she has a chance at the $1,000 futurity offer as well.

This also holds true when cows are sent for service. If you are trying to get a bull from one of your own cows and send her to Spring Farm King Pontiac 6th, you win either way. If you get a bull calf our futurity offer insures the development of his sisters, if you get a heifer, she is eligible for the futurity.

Another $1,000 will be given in exactly the same way for daughters born between December 31, 1915 and January 1, 1917. We are making this offer early to give every one a chance. We are doing it to help develop his daughters and make your son of his more valuable.

Service fee still $200.

Are you interested in one of his good sons? You probably know all about his most wonderful combination of blood lines, extreme record and transmitting ancestry. Send for booklet that gives illustration of him and his nearest female relatives.

Learn more of Spring Farm King Pontiac 6th the bull that puts DEGREE in pedigree.

Seventy-five females bred to him at prices from $350 up.

GET IN RIGHT

HENRY STEVENS & SON

Brookside Stock Farm

LACONA, N. Y.

Established by Henry Stevens 1876 **175 Head**